BIOLAB

PRODUCT CATALOG

TESTER PETROLEUM EQUIPMENT

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TESTER PETROLEUM EQUIPMENT BJO1I1

WATER CONTENT TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to determine the water content of petroleum products and to determine the water content of lubricating grease. It adopts double-unit structure. It can do determination for two samples. The gripper is designed reasonably. The installation and dismantlement are convenient.

SPECIFICATIONS

Model	BJO1I1
Old Model	BPTL-241
Power supply	AC (220±10%) V, 50Hz
Total power consumption	≤ 2200W
Heating control	Continuously adjustable by a silicon knob, manual
Ambient temperature	(15-35) °C
Relative humidity	≤ 85%
Dimension	430 mm x 320 mm x 700 mm
Net weight	8.5 kg
Alt Name	Water content Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1BJ1

DROPPING POINT TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The oil bath is composed of heat resistant beaker, heater and electric motor. The heating power can be adjusted continuously. The temperature in oil bath is uniform. Desktop structure. Easy to operate

SPECIFICATIONS

Model	BJO1BJ1
Old Model	BPTL-270
Oil Bath	600ml Beaker
Grease Cup	Chrome plated brass, inner diameter 9.92mm, oil dripping hole 2.8mm, cup height 12mm
Test Tube	Heat resistant borosilicate glass tube with edge, inner diameter 11.1mm to 12.7mm, with three grooves 19mm from bottom
Stirring motor	60 R/min
Working environment: Temperature	(-5 ~ 300) ℃
Relative humidity	≤ 85%
Total power consumption	≤900W
Power supply	AC(220±10%)V, 50Hz
Dimension	350x180x410 mm
Net weight	8 kg
Alt Name	Dropping Point Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1B1

CLEVELAND OPEN-CUP FLASH POINT TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

It adopts special heating furnace to ensure the safety of test. It is applicable to all petroleum products with flash points above 79°C and below 400°C except fuel oils. The heating power is continuously adjustable. It can meet requirements of test. The instrument is fully self-contained complete. The operator can do determination as long as connecting with coal gas or other civil gas. With fast cooling function, it can improve test efficiency.

SPECIFICATIONS

Model	BJO1B1
Old Model	BPTL-232
Ignition source	Coal gas (or civil gas)
Nozzle aperture	About 0.8 mm
Thermometer	(-6 ~ 400) °C. Scale is 2 °C
Ambient temperature	(15 ~ 35) °C
Relative humidity	≤ 85 %
Test flame applicator	It applies the test flame automatically
Heating device	furnace heating, no naked fire, explosion prevented
Power supply	AC (220±10%) V, 50Hz
Power consumption	≤650W
Dimension	350x290x350 mm (thermometer is not included)
Net weight	5.5 kg
Alt Name	Cleveland Open-Cup Flash Point Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1M1

DISTILLATION TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to determine the distillation characteristics of gasoline, aviation gasoline, jet fuels, and solvent having special boiling point, naphtha, diesel oil, distillate fuels and similar petroleum products. It adopts a special heating furnace to ensure the safety. The heating power can be adjusted continuously. The rising up and lowering down of distillation flask can be adjusted free by lifting device. Flexible and convenient to operate.

SPECIFICATIONS

Model	BJO1M1
Old Model	BPTL-245
Distillation flask	125 ml
Water bath temperature controlling range	(ambient temp. +10) ℃ ~ 60℃
Water bath temperature controlling accuracy	±0.5℃
Receiving cylinder	100 ml, scale division 1 ml
Ambient temperature	15℃ ~ 35℃
Relative humidity	≤ 85%
Power supply	AC (220±10%) V, 50Hz
Total power consumption	≤ 2000W
Dimension	460 x 400 x 550 mm
Net weight	18.5 kg
Alt Name	Distillation Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1E1

PENSKY-MARTENS CLOSED-CUP FLASH POINT TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The heating power is continuously adjustable. The power is shown visually by voltmeter. The temperature control mode is advanced and reasonable. The structure is designed small and exquisite. The stainless-steel table board is beautiful and easy to clean. Operation is easy. Test results are precise. It has been chosen as the instrument to test the closed cup flash point by many metering and detecting institutes.

SPECIFICATIONS

Model	BJO1E1
Old Model	BPTL-236
Inner diameter	50.7 mm ~ 50.8 mm
Depth	55.7 mm ~ 56.0 mm
The scribed line depth of capacity of testing oil	33.9mm ~ 34.3mm
Capacity of testing oil	About 70ml
Igniting source	Gas (or other civilian fuels)
Stir mode	Mechanical drive stirring
Stirring rate: Procedure A	(90 ~ 120) rpm
Stirring rate: Procedure B	(250±10) rpm
Heating device	(1)The furnace body is made of silicon carbide. (2)Heating power is adjustable from (0-600)W
Heating mode	Adjust by manual
Thermometers: Mercury-in-glass thermometer	Scale 90°C ~ 370°C, division 2°C
Ambient temperature	(15 ~ 35) °C
Relative humidity	≤ 85%
Power supply	AC (220±10%)V, 50Hz
Total power consumption	≤ 650W
Dimension	370x320x300 mm
Net weight	7 kg
Alt Name	Pensky-Martens Closed-Cup Flash Point Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1BO1

CRUDE PETROLEUM WATER CONTENT TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is used to determine the water in crude oils. Desktop structure and double units.It can do two determinations at the same time. Equipped with heating mantle cap. Heating power can be adjusted continuously. No naked fire, safe to use. Distillation flask,receiver and condenser are all designed as per standard.

SPECIFICATIONS

Model	BJO1BO1
Old Model	BPTL-276
Distillation flask	1000 ml
Receiver	5ml, graduation is 0.05 ml
Condenser	400mm±5mm
Heater	heating mantle cap, 500Wx2, continuous adjustment
Ambient temperature	-10°C ~ +35°C
Relative humidity	≤ 85%
Power supply	AC(220±10%)V, 50Hz
Dimension	425x330x1180 mm (The test vessels are included)
Alt Name	Crude Petroleum Water Content Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJL1K1

CLEVELAND OPEN CUP FLASH POINT TESTER

This Cleveland flash point Apparatus is suitable to determine flash point and fire point of petroleum products.
Principle: Fill the sample into sample cup with mark line.Firstly raise sample temperature quickly,then gradually.When near to flash point,constantly raise temperature.According to specified temperature interval,using small fire cross the sample cup,take the minimum temperature of steam flash on surface of sample as flash point.

1.Complete sealed structure can avoid the influence of natural wind to test result.
2.Heated by electrical stove wire,easy to maintain
3.Big power solid regular adjusts voltage
4.Lead heating plate
5.Scanning method is controlled by switch

SPECIFICATIONS

Model	BJL1K1
Old Model	BPTL-205
Applicable standards	GB/T3536, ASTM D92, ISO2592
Heating method	Sealed stove, imported heating wire
Temperature adjusting method	Imported solid regulator
Scanning method	Automatic scanning and igniting
Heating power	0~800W adjustable
Power supply	AC220V±10%/50Hz
Purpose	Measure flash point of petroleum products
Warranty	1 Year
Color	Black
Alt Name	Cleveland Open Cup Flash Point Tester

TESTER PETROLEUM EQUIPMENT BJL1T1

EQUILIBRIUM BOILING POINT TESTER

This instrument tests the equilibrium boiling point of engine coolants according to ASTM D1120 SH/T0089 Standards. It is applicable to the dilute or concentrated engine coolant.

Take a 60ml testing sample into a 100ml beaker, and heat to boiling at atmospheric pressure.When the gas-liquid is equilibrious, read the sample temperature. After calibrating by atmospheric pressure difference, it is the boiling point of the testing sample.

1.Electric heating-jacket, no fire, safety and environmental protection.
2.Integral structure, easy to operate.
3.Tap water circulation cooling.
4.High-power solid state voltage regulator control heater.
5.The surface is adopted by electrostatic spray for easy cleaning.
6.The precision potentiometer can adjust the heating rate.
7.Contact control box is very convenient.

SPECIFICATIONS

Model	BJL1T1
Old Model	BPTL-222
Applicable standards	ASTM D1120, SH/T0089
Heating mode	electric heating-jacket
Refrigeration mode	tap water circulation
Temperature control mode	solid state voltage regulator (SSVD)
Total power	500W
Voltage display	voltmeter display
Power supply	AC220V 50HZ
Alt Name	Equilibrium Boiling Point Tester

TESTER PETROLEUM EQUIPMENT BJO1J1

KINEMATIC VISCOSITY TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to determine kinematic viscosity of liquid petroleum products (Newtonian fluids)at a constant temperature. This instrument adopts hard glass bath and electric stirring device. Easy to observe the sample.The temperature in water bath is uniform.

SPECIFICATIONS

Model	BJ01J1
Old Model	BPTL-242
Capillary viscometer tubes	6 pieces total; inner diameters: 0.6mm, 0.8mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm
Temperature control range	Ambient to 100°C
Temperature control accuracy	±0.1°C
Temperature sensor	RTD, Pt100
Timing range	0s ~ 9999.9s
Stirring motor	1200 rpm
Ambient temperature	15°C ~ 35°C
Relative humidity	≤ 85%
Power supply	AC (220±10%) V, 50Hz
Total power consumption	≤ 650W
Dimension	500 x 310 x 500 mm
Net weight	11.5 kg
Alt Name	Kinematic Viscosity Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1BL1

MECHANICAL IMPURITY TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is used to determine mechanical impurity in hydrocarbons, heavy oils, lubricating oils, and additives.This instrument is composed of glass vessels, water bath, funnel, suction pump, motor and digital temperature controller. It has features such as small size, light weight, rapid heating rate and easy installation. The temperature control funnel is small and light. It can save operation time and solvent. Desktop structure. Simple design. Easy to use.

SPECIFICATIONS

Model	BJO1BL1
Old Model	BPTL-272
Temperature control range for water bath	Room temperature ~ 90°C, adjustable
Bath temperature display	Digitally displayed by LED
Temperature control accuracy for water bath	±1°C
Temperature control range for funnel	Room temperature ~ 90°C, adjustable
Temperature control accuracy for funnel	±2°C
Funnel temperature display	Digitally displayed by LED
Heating power for water bath	1000 W
Ambient temperature	≤ 35°C
Relative humidity	≤ 85%
Maximum power consumption	1200 W
Alt Name	Mechanical Impurity Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1BM1

ASH CONTENT TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is composed of a box-type heating furnace, a temperature control stand and an electric heating plate. It is small size and needs less land. The box-type furnace adopts all-in-one structure. Special fire-resistant material and heating components. The heating time is short and it has a long lifetime. Small size and good durability.

SPECIFICATIONS

Model	BJO1BM1
Old Model	BPTL-273
Box-type heating furnace	
--Rated temperature	1000℃
--Temperature rising time for empty furnace	≤50 min
--Power consumption for empty furnace	≤800W
--Furnace temperature uniformity	≤15℃
--Heat savings	≤5kW.h
--Thermocouple	WRN-010
--Rated power	2.5 kW
--Power supply	AC220V±10%, 50 Hz
--Size of furnace chamber	200x120x80 mm
--Dimension	575x3850x480
Temperature control stand	
--Maximum control temperature	1200℃
--Temperature controller	DTW2001
--Rated controllable power	5000W
Electric heating plate	
--Heating power	(1~6) grades, continuously adjustable
--Diameter of heating plate	Φ85mm
Alt Name	Ash Content Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1Z1

CARBON RESIDUE TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to determine the carbon residue of lubricating oils, heavy liquid fuels and other petroleum products. The instrument adopts desktop configuration. The heating furnace and controller are assembled to all-in-one machine. Small dimension and easy to use.

SPECIFICATIONS

Model	BJO1Z1
Old Model	BPTL-258
Test furnace	One furnace with four holes
Heating mode	Electric furnace
Temp. Control range	(0 ~ 520)°C
Temp. Control accuracy	±5°C
Ambient temperature	Room temperature ~ 35°C
Relative humidity	≤ 85%
Total power consumption	1300W
Power supply	AC(220±10%)V, 50Hz
Dimension	350x360x370 mm
Net weight	24 kg
Alt Name	Carbon Residue Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1U1

DENSITY TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is designed for Density, Relative Density(Specific Gravity),or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method. It is used to determine the density of crude petroleum and liquid petroleum. This instrument is a kind of all-in-one machine. The control box adopts humanized design. The control switch adopts light-touch mode. It's structure is simple and compact. Easy to operate. It equips a hard glass vessel and electric stirrer. The temperature in vessel is uniform. Easy to observe the sample.

SPECIFICATIONS

Model	BJ01U1
Old Model	BPTL-253
Capacity of cylinder	500ml
Range	(Ambient +5) °C to 100°C
Accuracy	±0.2°C
Sensor	Pt100
Dimension of constant temperature bath	Φ300mmx340mm
Ambient temperature	15°C ~ 35°C
Relative humidity	≤ 85%
Total power consumption	≦1800W
Power supply	AC(220±10%)V, 50Hz
Dimension	560x380x580mm
Net weight	18 kg
Alt Name	Density Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1BN1

PETROLEUM PRODUCTS COLOR TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is composed of standard color dial, observation lens,light source and color comparing tube. The color dial is rotated by a hand wheel installed at right side of instrument to choose the correct color during color comparing test. The color comparing tube is placed into instrument trough a lid on the top of the instrument. The observation lens is composed of concave mirror and separated bar. You can see two semicircle colors through observation lens. The right semicircle is standard color. The light and focus of optical observation lens can be adjusted, so it is easy to be used.

SPECIFICATIONS

Model	BJO1BN1
Old Model	BPTL-274
Light source	220 V, 100 W
temperature	2750±50 K
Observation lens composition	concave mirror and separated bar
Standard color dial	26 pieces of Φ14 light holes
Color comparing tube	Φ32 mm, 120 ~ 130 mm high non-colorful flat bottom glass tube
Alt Name	Petroleum Products Color Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1K1

KINEMATIC VISCOSITY TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to determine kinematic viscosity of liquid petroleum products (Newtonian fluids)at a constant temperature. The instrument adopts hard glass bath and heat preservation shell(double shell structure). The heat preservation property is good. Easy to observe the sample. It can do two samples at the same time.

SPECIFICATIONS

Model	BJO1K1
Old Model	BPTL-243
Capillary viscometer tubes	6 pieces in total; inner diameter for each: 0.6mm, 0.8mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm
Temperature control range	Ambient to 100°C
Temperature control accuracy	±0.1°C
Temperature sensor	RTD, Pt100
Timing range	0s ~ 9999.9s
Stirring motor	1200 rpm
Constant temperature bath	20L, double shell structure
Power supply	AC (220±10%) V, 50Hz ± 5%
Maximum power consumption	1800W
Dimension	530 x 400 x 670 mm
Net weight	20.5 kg
Alt Name	Kinematic Viscosity Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1N1

DISTILLATION TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to determine the distillation characteristics of gasoline, aviation gasoline, jet fuels, solvent having special boiling point, naphtha, diesel oil, distillate fuels, and other petroleum products. It is not only suitable to the organizations of high frequency with various of samples but also accelerate the test speed for common users. It is an ideal distillation tester for petroleum products. The instrument adopts double units working mode.

SPECIFICATIONS

Model	BJO1N1
Old Model	BPTL-246
Distillation flask	125 ml
Receiving cylinder	100 ml, scale division 1 ml
Temperature controller range	(Ambient +10)°C ~ 60°C
Temperature controller accuracy	±0.5°C
Temperature controller display	LED
Thermometer	(-2~300)°C and (-2~400)°C, division value 1°C
Flask support board	Sic, bore diameter ϕ32mm, ϕ38mm, ϕ50mm
Ambient temperature	15°C ~ 35°C
Relative humidity	≤ 85%
Power supply	AC(220±10%)V, 50Hz
Total power consumption	≤ 4000W
Dimension	760 x 520 x 500 mm
Net weight	40 kg
Alt Name	Distillation Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1P1

DISTILLATION TESTER (LOW-TEMPERATURE)

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to determine the distillation characteristics of gasoline, aviation gasoline, jet fuels, special boiling point solvent, naphtha, diesel oil, distillate and similar petroleum products. The instrument adopts a quartz heating furnace form to ensure the safety of the test, and the heating power is continuously adjustable. The height of the flask is adjusted by the lifting device, and the observation window of high-temperature and heat-insulating glass is equipped to observe the whole test process. The instrument is equipped with a cylinder receiving chamber, which can measure the distillation range of gasoline.

SPECIFICATIONS

Model	BJO1P1
Old Model	BPTL-248
Distillation flask	125 ml
Receiving cylinder	100 ml, scale division 1 ml
Heating power	≤2300W
Electric furnace heating power	1300W
Thermometer	Total immersion; (-2 to 300)°C and (-2 to 400)°C; 1°C divisions
Condensing tube temp. control range	0°C to 60°C
Condensing tube temp. control display	LED
Receiving room temp. control range	0°C to ambient
Receiving room temp. control display	LED
Flask support board	SiC; hole diameters ϕ32mm, ϕ38mm, ϕ50mm
Ambient temperature	15°C ~ 28°C
Relative humidity	≤ 85%
Dimension	540 x 435 x 515 mm
Net weight	30 kg
Alt Name	Distillation Tester (Low-temperature)

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1C1

CLEVELAND OPEN-CUP FLASH POINT TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

It adopts technology of single chip microcomputer and LCD screen. It is applicable to all petroleum products with flash points above 79°C and below 400°C except fuel oils. The LCD screen has prompt menu, prompt type input for the operation interface. It shows set parameters and real-time display sample temperature and other parameters. Press the record key when flash point appearing. The screen will display and save flash point value. It is newly design and small structure. It is equipped with wind-shelter and flame extinguishing cover which are accord with requirements of test. Accurate heating rate.The instrument can do test automatically. Operator only need to observe the flash point appearing. The cost performance is high.

SPECIFICATIONS

Model	BJO1C1
Old Model	BPTL-233
Ignition source	Coal gas (or civil gas)
Flame diameter	3.2 mm ~ 4.8 mm
Temperature range	0 °C ~ 400 °C
Display accuracy	0.1 °C
Temperature control	Single chip microcomputer
Temperature sensor	RTD, PT100
Heating device	Electric furnace heating, no naked fire, explosion prevented
Flash point detecting device	It applies the test flame automatically
Ambient temperature	(-10 ~ 50) °C
Relative humidity	≤ 85%
Power consumption	≤ 650W
Power supply	AC (220±10%) V, 50Hz
Dimension	340 x 320 x 450 mm (Temperature sensor is included)
Alt Name	Cleveland Open-Cup Flash Point Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1F1

PENSKY-MARTENS CLOSED-CUP FLASH POINT TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

Single chip microcomputer control technique.LCD screen displays. The heating power is continuously step-less adjustable. The rate of heating up is exact.Easy setting for parameters. Press the "record"button when the flash point appears. The screen will show and reserve the flash point.

SPECIFICATIONS

Model	BJO1F1
Old Model	BPTL-237
Heating device	(1) The furnace is silicon carbide material. Power is 600W. (2) The heating power is adjustable from 0W to 600W
Heating rate	Procedure A: (5~6)°C/min, Procedure B: (1~1.5)°C/min
Stirring device	(1) Stirring motor: BYGH101 stepping motor. (2) Driving mode: flexible shaft. (3) Shaft size: 8mmx40mm
Stirring rate	Procedure A: (90~120) rpm, Procedure B: (250±10) rpm
Internal diameter	50.7mm ~ 50.8mm
Depth	55.7mm ~ 56.0mm
Marking depth of oil testing capacity	33.9mm ~ 34.3mm
Oil test capacity	About 70ml
Igniting source	Gas (or other civilian fuels)
Ambient temperature	(15 ~ 35) °C
Relative humidity	≤ 85%
Power supply	AC (220±10%) V, 50Hz
Total power consumption	≤ 650W
Dimension	340x330x380 mm
Net weight	9 kg
Alt Name	Pensky-Martens Closed-Cup Flash Point Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1V1

LOW TEMPERATURETESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is newly designed and is suitable to determine solidifying point of petroleum products. It is widely used in oil exploitation companies, petroleum manufacturers, petroleum users, colleges and scientific research institutes. The material of workbench is stainless steel. It adopts special technology. It is no need to use cooling liquid in cold chamber. The cooling rate is fast and efficiency is high. The instrument adopts bench structure. The design is simple and easy to use.

SPECIFICATIONS

Model	BJO1V1
Old Model	BPTL-254
Working chamber	Two test baths in one chamber. The temperatures are the same.
Range	Ambient to -70°C
Accuracy	±0.5°C
Refrigeration	New-type refrigeration compressor
Ambient temperature	≤30°C
Relative humidity	≤ 85%
Maximum power consumption	1000W
Power supply	AC(220±10%)V, 50Hz
Dimension	620x460x340 mm
Net weight	50 kg
Alt Name	Low TemperatureTester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJL1BC1

WATER SEPARABILITY TESTER

This instrument is suitable to measure the water separability of Petroleum Oils and Synthetic Fluids.Fill certain amount of sample and distilled water,stir 5 minutes under certain temperature,record needed time for separation of emulsified liquid.After half hour or one hour,if the emulsified liquid doesn't separate completely,or the emulsified layers doesn't reduce 3mL or more,please record the volume of oil layer,water layer and emulsified layer at this moment.

Determination of water separation characteristics of petroleum (synthetic fluid, Herschel emulsifier);
9 unit test structure, rotary agitator;
Sliding type automatic positioning device, no need to adjust the stirring blades;
Sample column can be placed;
Imported Omron PID temperature controller, digital display temperature, accuracy of 0.1 °C
Digital display stirrer speed, adjustable;
Automatic control of stirring time, automatic recording of separation time after stirring;
Separation time can select seconds, minutes, or hours according to requirements;
Safety protection device can prevent the low liquid level.

SPECIFICATIONS

Model	BJL1BC1
Old Model	BPTL-212
Applicable Standards	GB/T7305, ASTM D1401, ISO6614
Temperature Controlling Method	Imported PID digital display temperature controller
Temperature Controlling Accuracy	Ambient ~ 100°C ±0.1°C
Heating Method	Water bath
Total Power	1.5KW
Working Units	9 positions
Timing Method	Digital timer
Power Supply	AC 220V / 50Hz
Dimension	36 x 36 x 75 cm^3
Weight	25 kg
Alt Name	Water Separability Tester

ITEMS INCLUDED

No	No	Name	Quantity
1	1	Main Unit	1 Set
2	2	Test tubes 100ml	9 PCS
3	3	Stirring blade	1 PC
4	4	Stirring device	1 Set
5	5	Fuse 20A	4 PCS
6	6	Drill clamp	1 PC
7	7	Wrench for drill	1 PC
8	8	Manual book	1 Copy

FEATURES

Determination of water separation characteristics of petroleum (synthetic fluid, Herschel emulsifier);
9 unit test structure, rotary agitator;
Sliding type automatic positioning device, no need to adjust the stirring blades; Sample column can be placed;
Imported Omron PID temperature controller, digital display temperature, accuracy of 0.1 ℃
Digital display stirrer speed, adjustable;
Automatic control of stirring time, automatic recording of separation time after stirring;
Separation time can select seconds, minutes, or hours according to requirements;
Safety protection device can prevent the low liquid level.
Sputtering turbine-type liquid circulator, can ensure the temperature uniformity at each point.

TESTER PETROLEUM EQUIPMENT BJO1Y1

COPPER STRIP CORROSION TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to determine the corrosiveness to copper of aviation gasoline, aviation turbine fuels, automotive gasoline, tractor fuels, washing solvent, kerosene distillate, lubricating oil, and other petroleum products. The instrument has functions of temperature controlling, automatic timing and alarming. It adopts LCD temperature controller,heater and electric stirrer to form the constant bath. The temperature controller has timing function.It can control the test time and automatically timing. There will be alarm when finished.

SPECIFICATIONS

Model	BJO1Y1
Old Model	BPTL-257
Sample testing positions	Four positions
Sample quantity at one test	4 pieces ~ 12 pieces
Temperature range	Ambient to 100℃, can be set at will
Temperature control accuracy	±1℃
Time controlling range	1 minute ~ 24 hours, can be set at will
Temperature sensor	RTD, Pt100
Ambient temperature	15℃ ~ 35℃
Relative humidity	≤ 85%
Total power consumption	≤1800W
Power supply	AC(220±10%)V, 50Hz
Dimension	440x330x560 mm
Net weight	16 kg
Alt Name	Copper Strip Corrosion Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1BE1

VAPOR PRESSURE TESTER (REID METHOD)

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is used to test make determination for vapor pressure of gasoline, volatile crude oil and other volatile petroleum products. Two precise pressure meters to detect the gas pressure inside the bomb. Digital temperature controller. The temperature in water bath is uniform. Temperature control accuracy is high. It can meet the requirements of test.

SPECIFICATIONS

Model	BJO1BE1
Old Model	BPTL-264
Temperature control range of bath	(Room temp.~90)℃
Temperature control accuracy of bath	±0.1℃
Accuracy of pressure meter	0.4% F·S
Ambient temperature	15℃ ~ 35℃
Relative humidity	≤ 85%
Power supply	AC(220±10%)V, 50Hz
Total power consumption	≤1700W
Dimension	350x340x750 mm
Alt Name	Vapor Pressure Tester (Reid Method)

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1O1

DISTILLATION TESTER (LOW-TEMPERATURE)

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to determine the distillation characteristics of gasoline, aviation gasoline, jet fuels, solvent having special boiling point, naphtha, diesel oil, distillate fuels, and other petroleum products.It adopts special heating furnace to ensure the safety of test. Heating power can be continuously adjusted to meet the requirements of test. The height of the flask is adjusted by the lifting device, and the high temperature resistant and heat insulation glass observation window is equipped to observe the whole test process.

SPECIFICATIONS

Model	BJO1O1
Old Model	BPTL-247
Distillation flask	125 ml
Receiving cylinder	100 ml, scale division 1 ml
Thermometer	(-2~300)°C and (-2~400)°C, division value 1°C
Furnace heating power	1300W x 2
Condenser temp. control range	0°C to 60°C
Condenser temp. control accuracy	±0.5°C
Condenser temp. control display	LED
Receiving chamber range	0 ~ room temperature
Receiving chamber display	LED
Cool mode	Compressor refrigeration
Flask support board	SiC, bore diameter: ϕ32mm, ϕ38mm, ϕ50mm
Ambient temperature	15°C ~ 28°C
Relative humidity	≤ 85%
Power supply	AC(220±10%)V, 50Hz
Total power consumption	≤ 3500W
Dimension	700 x 520 x 580 mm
Net weight	60 kg
Alt Name	Distillation Tester (Low-temperature)

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1BC1

FOAMING CHARACTERISTIC TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is used to determine the foaming tendency and stability of lubricating oils. he instrument adopts all-in-one structure. It includes three parts: low temperature test part and it's control, high temperature test part and it's control, a portable cooler for low temperature test part. The instrument equips an automatic timing alarm.

SPECIFICATIONS

Model	BJO1BC1
Temperature control range for high temperature bath	(Room temp.~99.9)°C
Temperature control range for low temperature bath	(5~99.9)°C
Temperature control accuracy	±0.5°C
Air flow rate	(94±5) ml/min, adjustable
Timer	5min and 10min, accurate to second
Ambient temperature	15°C ~ 35°C
Relative humidity	≤ 85%
Total power consumption	≤2700W
Power supply	AC(220±10%)V, 50Hz
Dimension (Main unit)	690x460x700 mm
Dimension (Cooler)	400x450x300 mm
Net weight	48 kg
Alt Name	Foaming Characteristic Tester

ITEMS INCLUDED

No	Name
1	ZL-1

1

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJL1P1

DENSITY AND SPECIFIC GRAVITY TESTING EQUIPMENT

This density meter is suitable to determine density of easy flowing liquid,and if working with suitable constant bath,it can also be used to measure viscous liquid and opaque liquid under condition of higher temperature than room temperature.

1.Use glass heating bath,easy to observe
2.Integrated structure is easy to operate
3.Insulated glass tank,inner tank is Φ300x300mm
4.Two samples can be analyzed simultaneously,which is convenient to do parallel test
5.Big power solid relay controls output,no voltage leakage
6.There is stirrer on electrical heating bath
7.Stainless steel heater
8.Temperature controller displays heating status
9.It's made by cold-rolled sheet,surface treated by Electrostatic spraying.It's corrosion resisting and easy to clean.
10.Safety device can prevent over-heating or low liquid level

SPECIFICATIONS

Model	BJL1P1
Old Model	BPTL-213
Applicable standards	GB/T1884 ISO3675 ASTM D1298
Working unit	double units
Refrigeration method	Air compressor
Temperature controlling method	Imported digital PID
Temperature controlling accuracy	±0.1℃
Working temperature	10 ~100℃
Power supply	AC220V/50Hz
Alt Name	Density and Specific Gravity Testing Equipment

FEATURES

1.Use glass heating bath,easy to observe
2.Integrated structure is easy to operate
3.Insulated glass tank,inner tank is Φ300x300mm
4.Two samples can be analyzed simultaneously,which is convenient to do parallel test
5.Big power solid relay controls output,no voltage leakage
6.There is stirrer on electrical heating bath
7.Stainless steel heater
8.Temperature controller displays heating status
9.It's made by cold-rolled sheet,surface treated by Electrostatic spraying.It's corrosion resisting and easy to clean.
10.Safety device can prevent over-heating or low liquid level
11.Contact control box is very convention
12.Micro-computer controller,PID function,digitally display temperature(continuously display during test),accuracy 0.1℃,Pt100 temperature sensor.

TESTER PETROLEUM EQUIPMENT BJL1R1

ENGINE COOLANT FOAMING TENDENCY ANALYZER

This analyzer uses glassware to determine foam tendency of engine coolants under certain temperature and ventilation.It adopts high temperature resistant glass tank as heating bath,which ensures the uniform temperature of the working environment.
This Engine Coolants Foaming Tendencies Analyzer is equipped with a special airflow control system,and it can reduce the error caused by manual intervention.

1.The Engine Coolants Foaming Tendencies Analyzer conforms to ASTM D1881.
2.The frame is stainless steel,including Pyrex tank and cover.It can put and fix 2 cylinders with steel ring to avoid floating.There are two precise flow meter,one control box with all electrical elements.
3.The stainless steel frame can be tested at 88°C.
4.Cylinder can put into aluminum cover through 2 holes.Locking clip can fix jackets of cylinder and thermometer.
5. There is stirrer above the electrical heating bath.
6.Heater is stainless steel.
7.Cooling circle is stainless steel,when it's connected with cooling water source,the bath temperature can be controlled at 24°C,and it conforms to ASTM D892 No.1.

SPECIFICATIONS

Model	BJL1R1
Old Model	BPTL-219
Applicable standards	ASTM D1881, SH/T0066
Temperature controlling range	88±1°C
Velocity of flow	1000±25ml/min
Working units	2 holes
Pressure display	pressure gauge
Pressure adjustment	precise electronic flow meter, LCD touch screen display
Stirring mode	Motor
Timing	LCD touch screen automatic timing
Heating mode	Heating tube
Power supply	AC220V/50Hz
Alt Name	Engine Coolant Foaming Tendency Analyzer

FEATURES

1.The Engine Coolants Foaming Tendencies Analyzer conforms to ASTM D1881.
2.The frame is stainless steel,including Pyrex tank and cover.It can put and fix 2 cylinders with steel ring to avoid floating.There are two precise flow meter,one control box with all electrical elements.
3.The stainless steel frame can be tested at 88°C.
4.Cylinder can put into aluminum cover through 2 holes.Locking clip can fix jackets of cylinder and thermometer.
5. There is stirrer above the electrical heating bath.
6.Heater is stainless steel.
7.Cooling circle is stainless steel,when it's connected with cooling water source,the bath temperature can be controlled at 24°C,and it conforms to ASTM D892 No.1.
8.Precise and adjustable flow meter is connected with needle valve,support and discharge apparatus.
9.Two discharge apparatus has certain permeation and aperture,it is original Norton(Aluminum Ball shape) or Mott(Stainless steel cylinder shape).
10.Two 100mL Pyrex cylinders with scale,they have rubber stopper and air inlet and outlet pipe.
11.Micro-computer controlling,PID function,digital temperature display(continuous display during test),accuracy 0.1°C,Pt100 RTD temperature probe.

12.Contact control box is very convenient.

TESTER PETROLEUM EQUIPMENT BJO1L1

KINEMATIC VISCOSITY TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum products, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to determine kinematic viscosity of liquid petroleum products (Newtonian fluids) by measuring the time for a volume of liquid to flow under gravity through a calibrated glass capillary viscometer at a constant temperature. Colored LCD display, it can display time and test results. It adopts glass bath and electric stirrer, easy to observe the sample and ensure the uniform bath temperature. High accuracy. It can preset the viscosity coefficient , calculate the viscosity after the test and print the test results automatically. Easy to operate.

SPECIFICATIONS

Model	BJO1L1
Old Model	BPTL-244
Capillary viscometer tubes	6 pieces total; inner diameters: 0.6mm, 0.8mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm
Amount of capillary viscometer tubes	4 capillary viscometers
Bath capacity	20L
Working condition	15℃ ~ 35℃
Relative humidity	≤ 85%
Temperature control range	Ambient to 100℃
Temperature control accuracy	±0.1℃
Temperature sensor	RTD, Pt100
Stirring motor	1200 rpm
Timing range	0.0s ~ 9999.9s
Timing accuracy	±0.05% within 60min
Power supply	AC (220±10%) V, 50Hz
Total power consumption	≤ 1800W
Dimension	530 x 400 x 670 mm
Net weight	42 kg
Alt Name	Kinematic Viscosity Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1R1

VACUUM DISTILLATION TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to determine the distillation characteristics of wax oil, lubricating oils and other petroleum products with high boiling point range. It adopts single chip microcomputer technology, can automatically control the vacuum pressure.

SPECIFICATIONS

Model	BJO1R1
Old Model	BPTL-250
Capacity of buffer vessel	1000 ml
Heating power (distillation flask)	1300W
Heating power (receiver)	350W
Heating furnace of distillation flask	(0 ~ 1300)W, continuously adjustable
Max. residual pressure	2 mmHg
Digital pressure gauge	(0 ~ 200) mmHg
Temperature control point of air bath (receiver)	Ambient to 100℃, continuously adjustable
Temperature sensor of air bath	Pt100, RTD
Temperature control mode	Digital temperature controller
Temperature control precision	Set temp. ±1℃
Ambient temperature	15℃ ~ 35℃
Relative humidity	≤ 85%
Illumination light in the air bath	Energy saving lamp
Power supply	AC (220±10%) V, 50Hz
Dimension	600 x 250 x 650 mm
Alt Name	Vacuum Distillation Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1BD1

EXISTENT GUM TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to determine the existent gum content of aviation gasoline and motor gasoline(Not suitable to determine the existent gum content of aviation turbine fuel). It equips a specially designed heating bath.The gas circuit is designed reasonably and the effect of evaporation is good. Each test hole equips unique flowmeter. It can control the hot-air flow rate of each test hole correctly. The instrument is equipped with an oil-water separator to prevent oil gas and water vapor from entering the instrument.

SPECIFICATIONS

Model	BJO1BD1
Old Model	BPTL-263
Sample positions	5 positions
Dimension of sample position	ϕ51mmx70mm
Working temperature	(160 ~ 165)℃
Dimension of evaporation bath	ϕ260mmx130mm
Temperature control method	Automatic
Temperature display	Digital
Working pressure of reducing valve	0.07MPa
Air flow rate of jet outlet	600ml/s for each hole
Flow rate display	Float ball type
Power supply	AC(220±10%)V, 50Hz, 3500W
Overall dimension	590x480x340 mm (Thermometer holder is not included)
Alt Name	Existent Gum Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJL1O1

COPPER STRIP TEST BATH CORROSIVENESS TESTING EQUIPMENT

The copper strip bath is suitable to determine the corrosiveness to copper of aviation gasoline, aviation turbine fuels, automotive gasoline, tractor fuels, washing solvent, kerosene distillate, lubricating oil, other hydrocarbons with Reid vapor pressure not more than 124 KPa and other petroleum products

1.Stainless steel water tank is easy to wash
2.Stainless steel structure with ceramic coating
3.Stainless steel bath has hydrant valve,it is effective and insulated greatly.
4.Electronic stirrer has stainless steel paddle and blade
5.Heater is stainless steel
6.Micro-computer controller,PID function,digitally display temperature(continuously display during test),accuracy 0.1°C,Pt100 temperature sensor.
7.Working temperature:room temperature~200°C
8.Safety device can prevent over-heated and low liquid level very well.

SPECIFICATIONS

Model	BJL101
Old Model	BPTL-211
Applicable standards	GB/T5096, ASTM D130, ISO3735, DIN51789
Temperature controlling method	imported PID digital display temperature controller
Temperature controlling accuracy	room temperature~150±0.1°C
Heating method	oil bath
Timing method	digital timer
Total power	2KW
Working unit	4 positions
Power supply	AC220V/50Hz
Alt Name	Copper Strip Test Bath Corrosiveness Testing Equipment

TESTER PETROLEUM EQUIPMENT BJO1BB1

AUTOMATIC DEMULSIBILITY CHARACTERISTICS TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to determine the water separability of petroleum oils and synthetic fluids. It adopts LCD to show the diagram. Intuitive and clear. Man-machine dialog. Menu type input. Easy to use.

SPECIFICATIONS

Model	BJ01BB1
Old Model	BPTL-261
Testing hole	4 sample
Stirring rate	(1500±15) r/min
Stirring time	(0~99) min
Timing	(0~99) h
Temperature range	(Room temp.~110)℃
Temperature control accuracy	±0.02℃
Ambient temperature	5℃ ~ 40℃
Relative humidity	≤ 85%
Power supply	AC(220±10%)V, 50Hz
Maximum power consumption	1500W
Alt Name	Automatic Demulsibility Characteristics Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJL1Z1

HYDRAULIC OIL THERMAL STABILITY TESTER

This instrument determines the thermal stability of hydraulic oils. It is suitable for various hydraulic oils based on mineral oils and synthetic oils

The heating aluminum block is directly placed inside the chamber, equipped with a fixed bracket.
Air-guided cooling system, which automatically activates for heat dissipation when the surface temperature of the instrument is
too high.
High-end enamel inner chamber, corrosion-resistant and easy to clean.
The chamber is equipped with a fan circulation system and lighting device.
Capable of conducting 6 sets of experiments simultaneously.
Imported Omron PID temperature controller with digital temperature display and an accuracy of 0.1°C.
Innovative V-shaped door opening design with a fully transparent high-temperature-resistant glass door.

SPECIFICATIONS

Model	BJL1Z1
Old Model	BPTL-216
Applicable Standard	SH/T 0209
Temperature Control Method	Imported PID Digital Temperature Controller
Temperature Control Accuracy	Room temperature to 200°C ± 0.1°C
Heating Method	Metal Bath Heating
Timing Method	Digital Timer
Working Units	6 Units
Total Power	1200W
Instrument Dimensions	600x600x650 mm^3
Power Supply	AC 220V, 50Hz
Net Weight	50 kg
Alt Name	Hydraulic Oil Thermal Stability Tester

TESTER PETROLEUM EQUIPMENT BJL1V1

ENGINE COOLANTS CORROSION TESTER

The main principle of the Corrosion Tester is: six typical metals used in the engine cooling system are processed into test pieces, weighed, connected into test piece bundles, and then completely immersed in the specified samples. At the end of the test, take out the test piece, weigh it again after cleaning, and evaluate the corrosion according to the mass change value of the corrected test piece before and after the test.

This Corrosion Tester is applicable to engine coolant and its concentrate with high boiling point and low temperature, as well as engine cooling system rust inhibitor.

1.The pressure stabilizing valve controls the air inlet, and the flowmeter regulates the flow rate: 100ml / min ± 10ml / min;
2.Sputtering multi channel liquid circulator, which can ensure the temperature uniformity of each point;
3.Microcomputer temperature controller, digital display, accuracy ± 0.1 ℃, PT100 sensor;
4.Digital timer, recording the test time, with alarm;
5.Sand core glass gas diffusion head;
6.6 groups of metal test pieces is supplied with Corrosion Tester , meeting the requirements of ASTM standards;
7.Safety protection device to prevent the liquid level from being too low;
8.The Corrosion Tester has 3 working units, expandable to 4-6 units;

SPECIFICATIONS

Model	BJL1V1
Old Model	BPTL-224
Applicable standards	ASTM D1384, SH/T0085
Heating mode	electric heating pipe
Temperature control mode	digital PID temperature controller
Pressure display	Pressure gauge
Working units	3, can extend to 4-6
Timing method	digital timer
Pressure control	pressure stabilizing valve
Refrigeration method	low temperature circulating water
Flow rate control	flowmeter
Total power	2500W
Dimension	690*410*760mm³
Weight	31KG
Power supply	AC220V 50HZ
Alt Name	Engine Coolants Corrosion Tester

FEATURES

1.The pressure stabilizing valve controls the air inlet, and the flowmeter regulates the flow rate: 100ml / min ± 10ml / min;
2.Sputtering multi channel liquid circulator, which can ensure the temperature uniformity of each point;
3.Microcomputer temperature controller, digital display, accuracy ± 0.1 ℃, PT100 sensor;
4.Digital timer, recording the test time, with alarm;
5.Sand core glass gas diffusion head;
6.6 groups of metal test pieces is supplied with Corrosion Tester , meeting the requirements of ASTM standards;
7.Safety protection device to prevent the liquid level from being too low;
8.The Corrosion Tester has 3 working units, expandable to 4-6 units;
9.Quick disassembly device of condenser pipe;

TESTER PETROLEUM EQUIPMENT BJO1D1

AUTOMATIC CLEVELAND OPEN CUP FLASH POINT TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

It adopts an 8-inch IPS high-definition capacitive screen. Using 32-bit ARM processor and high-precision AD chip, the test data and parameters are recorded in real time and displayed by curve. It is applicable to all petroleum products with flash points above 79°C and below 400°C except fuel oils. Equipped with Bluetooth interface. The user can query test data anytime. Remote automatic upgrade to obtain the latest version, remote prediction, abnormal early warning, comprehensive evaluation and maintenance of instrument operation status.

SPECIFICATIONS

Model	BJO1D1
Old Model	BPTL-235
Ignition mode:	Electric ignition
Diameter of igniter	0.7 mm ~ 0.8 mm
Heating rate:	
Initial heating	14 ~ 17 °C/min
Heating_rate	It is (5-6)°C/min after reaching the preset flash point 20°C
Flash point determination:	
Range	Ambient to 400 °C
Accuracy	0.1 °C
Ambient temperature	(15 ~ 35) °C
Relative humidity	≤ 85%
Fire extinguishing device	(1) When the fire point appears, it can automatically extinguish the fire and return to its original position; (2) It can also manually press the key to extinguish the fire
Data transmission mode	Bluetooth
Power supply	AC (220±5%) V, 50Hz
Total power consumption	≤700W
Dimension	510x320x330 mm
Net weight	20 kg
Alt Name	Cleveland Open-Cup Flash Point Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1S1

VACUUM DISTILLATION TESTER

Sea, Air, Door to Door Shipping 1 Year Warranty US & European Standards

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to determine the distillation characteristics of wax oil, lubricating oils and other petroleum products with high boiling point range. It adopts IPC control technology to control the vacuum pressure automatically. It adopts high accuracy temperature sensor to detect the steam temperature automatically. No need to observe it by naked eye. It adopts LCD technology, can input, modify and show parameters and control them by touch screen. Except that the distillate volume is read manually, all other work is completed automatically by the instrument.

SPECIFICATIONS

Model	BJO1S1
Old Model	BPTL-251
Heating furnace of distillation flask	(0 ~ 1300)W, adjustable
Setting range of vacuum residual pressure	(2 ~ 50) mmHg
Accuracy of vacuum residual pressure	±0.5 mmHg
Heating power of receiver	350W, automatically controlled
Temperature control point of receiver	(20 ~ 50) °C ±3°C, adjustable
Ambient temperature	15°C ~ 35°C
Relative humidity	≤ 85%
Total power consumption	≤ 1700W
Power supply	AC (220±10%) V, 50Hz
Dimension	600 x 230 x 610 mm
Net weight	30 kg
Alt Name	Vacuum Distillation Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJL1BE1

LUBRICATING OIL AIR RELEASE VALUE TESTER

The instrument is suitable to detect the ability of oils to separate entrained air,such as turbine oil, hydraulic oil etc. Heat the oil sample to temperature 25,50 or 75°C,blow compressed air through the test oil,make make it stirred strongly.Air becomes small bubbles in the air,that is entrained air.After the air is stopped,the time required for the air entrained in the oil to reduce in volume to 0.2% is recorded as the air release time.

1.Micro-computer processing and PID controlling,digitally display set and real temperature,accuracy 1°C,Pt100 temperature probe.
2.Working temperature range:ambient~80°C,accuracy can adjust to ±0.1°C
3.High precise air regulating valve,control pressure to 19.6 Kpa accurately.
4.Stainless steel constant water bath is corrosion resistant
5.LED display working pressure
6.Each tap can be connected easily
7.Timer can display time,manual timing is not needed
8.The case is treated with Electrostatic spraying and high temperature baking,beautiful and elegant.
9.Independent air filtering and Voltage stabilizer,can reduce water and oil in air.

SPECIFICATIONS

Model	BJL1BE1
Applicable standard	SH/T0308, ASTM D3427, DIN51585, NFT60151, IP135
Power supply	AC 220V ±10%, 50Hz ±5%
Heating mode	Electric bar
Temperature controlling range	Ambient ~ 80 ±1°C; if using silicon oil, it can reach higher temperature
Working pressure	19.6 kPa
Pressure controlling	Precise pressure regulating valve
Timing mode	Digital timer
Pressure display	Digital
Alt Name	Lubricating Oil Air Release Value Tester

ITEMS INCLUDED

No	No.	Name	Quantity	Unit
1	1	Main unit	1	Set
2	2	Jacketed glass bottle	2	Set
3	3	Densitometer	1	Set (4 pieces)
4	4	Gas pipe ϕ8mm	3	Meter
5	5	Fuse 20A	4	PC
6	6	Clamp	2	PC
7	7	Silica gel tube ϕ8mm	3	Meter
8	8	Silica gel tube ϕ6mm	1	Meter
9	9	Tube holder	1	PC
10	10	Power cable	1	Root
11	11	Copper round test tube	2	PC

TESTER PETROLEUM EQUIPMENT BJL1BG1

RUST PREVENTION TESTER

Imported Omron PID temperature controller, digital display temperature, accuracy 0.1 °C;
Independent quiet stirrer,can test one or several samples;
Each stirrer controls rotating speed and test time,automatically stop when test is finished;
Sputtering multi-channel liquid circulator,can guarantee the temperature uniformity of each point;
Sliding automatic location device,no need to adjust mixing blade;
Safety protection device can prevent over-low liquid level;
4 working units

SPECIFICATIONS

Model	BJL1BG1
Old Model	BPTL-208
Applicable standards	ASTM D665, GB/T11143
Temperature control method	Imported digital PID temperature controller
Temperature control accuracy	60 ± 0.1°C
Heating method	Electrical heating rod
Working units	4 tubes
Timing method	Digital timer
Power supply	220V, 50Hz
Power consumption	2500W
Dimension	75 x 24 x 72 cm
Weight	38 kg
Alt Name	Rust Prevention Tester

ITEMS INCLUDED

No	No	Name	Quantity	Specification
1	1	Main unit	1 Set	
2	2	Beaker	4 PCS	400 mL
3	3	Test steel rod	4 PCS	
4	4	Thermometer	2 PCS	0~100°C
5	5	Fuse	4 PCS	20A
6	6	Beaker lid	4 PCS	
7	7	Steel rod grinder	1 Set	
8	8	Plastic handle of steel rod	4 PCS	
9	9	Sand paper (240P)	5 PCS	240P
10	10	Sand paper (150P)	5 PCS	150P
11	11	Manual book	1 Copy	

TESTER PETROLEUM EQUIPMENT BJO1W1

MULTIFUNCTIONAL LOW TEMPERATURE TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to make determinations of pour point, cloud point, solidifying point and cold filter plugging point of petroleum products. The instrument adopts an intelligent temperature control system, which can display the temperature of cold bath in real time. The temperature setting and control parameter adjustment are convenient, and the temperature control precision is high. Floor model. It is equipped with four-place wheels at bottom. Convenient to move.

SPECIFICATIONS

Model	BJO1W1
Old Model	BPTL-255
Cold bath temperature control:	
--Chamber I	-17°C ~ 0°C, accuracy ±0.5°C, temperatures in two cold baths are the same.
--Chamber II	-30°C
--Chamber III	-51°C ~ -34°C, accuracy ±0.5°C, temperatures in two cold baths are the same.
--Chamber IV	-70°C
Suitable temperature	15°C ~ 28°C
Relative humidity	≤ 85%
Power supply	AC(220±10%)V, 50Hz
Power consumption	Less than 1700W
Dimension	810x500x840 mm
Total weight	100 kg
Alt Name	Multifunctional Low Temperature Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJL1Q1

FOAM TENDENCY BATH INSTRUMENT WITH COOLER

The tendency of oils to foam can be a serious problem in systems such as high-speed gearing, high-volume pumping, and splash lubrication. Inadequate lubrication, cavitation, and overflow loss of lubricant can lead to mechanical failure. This instrument is used in the evaluation of oils for such operating conditions.

1.This equipment in separate,including heating bath and precise flowmeter
2.The material of the bath is high temperature resistant Borosilicate glass,Φ300x450mm.It fulfills the standard requirements.
3.Environmental oil bath heating can reduce the harm of smoke to peoples,and it also has high heat insulation effect.
4.Heater is stainless steel.
5.Flow meter is highly precise with needle valve,0~94ml/min
6.Air filter has glass wool.
7.Cooler is included.
8.Working temperature:ambient~250°C,with safety device for over-heated or low liquid level
9.Micro-computer controller,PID function,digitally display temperature(continuou

SPECIFICATIONS

Model	BJL1Q1
Old Model	BPTL-215
Applicable standards	GB/T12579, ASTM D892, ISO6247, NFT60129
Working unit	4 units
Heating method	oil bath
Temperature controlling method	Imported digital PID
Temperature controlling accuracy	±0.1°C
Working temperature	ambient~250°C
Total power	5KW
Alt Name	Foam Tendency Bath Instrument with Cooler

FEATURES

1.This equipment in separate,including heating bath and precise flowmeter
2.The material of the bath is high temperature resistant Borosilicate glass,Φ300x450mm.It fulfills the standard requirements.
3.Environmental oil bath heating can reduce the harm of smoke to peoples,and it also has high heat insulation effect.
4.Heater is stainless steel.
5.Flow meter is highly precise with needle valve,0~94ml/min
6.Air filter has glass wool.
7.Cooler is included.
8.Working temperature:ambient~250°C,with safety device for over-heated or low liquid level
9.Micro-computer controller,PID function,digitally display temperature(continuously display during test),accuracy 0.1°C,Pt100 temperature sensor.

TESTER PETROLEUM EQUIPMENT BJO1BG1

DISTILLATE FUEL OILS OXIDATION STABILITY TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to determine the oxidation stability of distillate fuel oils with accelerated method. It adopts metal bath structure. No need to add water during determination. Clean and eco-friendly. Easy to operate.It is the preferred automated instrument to determine the oxidation stability of distillate fuel oils for the units of petroleum mining, producing and using and other relevant colleges and scientific research institutions.

SPECIFICATIONS

Model	BJO1BG1
Old Model	BPTL-267
Sample quantity	It can determine 6 samples at a time
Temperature measuring component	Thermal resistance
Temperature control mode	Automatically controlled by digital temperature controller
Temperature control range	Ambient to 100°C
Temperature control accuracy	±0.2°C
Total power consumption	≤1600W
Power supply	AC(220±10%)V, 50Hz
Dimension	700x440x1345 mm
Alt Name	Distillate Fuel Oils Oxidation Stability Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJL1BN1

HYDROLYTIC STABILITY TESTER

This instrument is suitable for testing hydrolysis stability of mineral oil and synthetic hydraulic fluid, and also suitable for evaluating water-based or water-emulsified hydraulic fluid. During the test, the sample, water and copper strip are sealed in pressure-resistant glass, and then placed in an oil hydrolysis stability test chamber at a certain temperature. After rotating for 48 hours in an inverted manner, the oil-water mixture is filtered,measure the insoluble matter, separate the oil and water, and measure the oil viscosity, acid value, total acidity of the water
layer and the quality change of the copper strip.

1. Wind guide cooling system, when the surface temperature of the instrument is too high, it will automatically start to dissipate heat;
2. High-end enamel liner, corrosion-resistant and easy to clean;
3. There are fan circulation and lighting devices in the box;
4. 360° automatically turn the sample bottle;
5. Four groups of experiments can be conducted simultaneously, and 8 groups can be expanded;
6. Novel V-shaped door opening method, fully transparent high temperature resistant glass door.

SPECIFICATIONS

Model	BJL1BN1
Old Model	BPTL-214
Applicable standards	SH/T0301, ASTM D2619
Heating mode	Stainless steel electrical heating tube
Heating power	1.2KW
Temperature control range	Ambient~93℃
Temperature control accuracy	±0.5℃
Temperature control method	Imported digital temperature controller
Rotate speed	5 r/min
Test units	4 bottles
Size of test chamber	350*350*350 mm
Uniform temperature	Fan circulation
Test time	Digital timing
Test prompt	Beep
Power supply	AC220V ±10% / 50Hz
Alt Name	Hydrolytic Stability Tester

TESTER PETROLEUM EQUIPMENT BJL1BP1

WATER WASHOUT PROPERTIES TESTER

The instrument shell is made of refined steel plate and coated with glaze,which is durable;
The test bearing chamber and shell fully meet the requirements of the standard method;
Stainless steel water tank with inlet and outlet pipes, aluminum bearing chamber, copper chrome-plated circulating pump, 1/4 HP motor;
Stainless steel heater
The temperature controller of the instrument is an intelligent regulator that integrates temperature control and display and has a microprocessor for PID adjustment;
The design of the motor and belt can start the circulating water pump independently when the test bearing is not started.

SPECIFICATIONS

Model	BJL1BP1
Old Model	BPTL-225
Applicable standard	SH/T0109, ASTM D1264
Temperature control accuracy	±0.1℃
Temperature control range	Ambient~100℃
Working temperature	37.8 ± 0.1℃ and 79 ± 0.1℃
Rotating speed	600 ± 30 rpm
Flow rate of capillary	5 ± 0.5 ml/s
Power supply	AC220V / 50Hz
Total power	600W
Dimension	500*360*550 mm
Weight	35KG
Alt Name	Water Washout Properties Tester

ITEMS INCLUDED

No	Name	Unit	Quantity
1	Main unit	Set	1
2	Protective shield	Set	1
3	Silicone tube Φ8mm	Meter	1
4	Bearing 6204	PC	2
5	Fuse 20A	PC	4

TESTER PETROLEUM EQUIPMENT BJO1G1

AUTOMATIC PMCC FLASH POINT TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

It adopts an 8-inch IPS high-definition capacitive screen. Temperature rise, cover opening, ignition, detection and printing data are completed automatically, and the test arm rises and falls automatically. Electronic ignition, gas flame, automatic air cooling at the end of the test.

SPECIFICATIONS

Model	BJO1G1
Old Model	BPTL-238
Heating rate: Procedure A	(5 ~ 6) °C/min
Heating rate: Procedure B	(1 ~ 1.5) °C/min
Heating rate: Procedure C	(3.0 ± 0.5) °C/min
Stirring rate: Procedure A and C	(90 ~ 120) rpm
Stirring rate: Procedure B	(250 ± 10) rpm
Stirring rate	Automatic control and manually adjustable
Flash point determination: Range	Ambient to 230 °C
Flash point determination: Accuracy	0.1 °C
Igniting mode	Electric ignition
Diameter of igniter	0.7 mm ~ 0.8 mm
Ambient temperature	(15 ~ 35) °C
Relative humidity	≤ 85%
Data transmission mode	Bluetooth
Power supply	AC (220±5%) V, 50 Hz
Total power consumption	≤ 600W
Dimension	510 x 320 x 330 mm
Net weight	20 kg
Alt Name	Automatic PMCC Flash Point Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJL1BD1

HIGH TEMPERATURE FOAMING APPARATUS

The instrument is a split type, including a heating bath and an accurate flow meter;
High temperature resistant borosilicate glass cylinder, Φ300 x 450mm, meets the requirements of the standard;
Environmental-friendly oil bath heating, reducing the harm of oil fume to the human body, efficient thermal insulation Effect;
Stainless steel heater;
Very accurate electronic flow meter, automatic constant current 200 ± 5ml / min;
Air filter with glass wool;
Microprocessor thermostat and PID control digital display temperature accuracy 0.1 °C, Pt100 RTD Temperature probe;
Working temperature range: room temperature ~ 150 ° C; safety measures to preven

SPECIFICATIONS

Model	BJL1BD1
Old Model	BPTL-217
Applicable Standards	ASTM D6082, SH/T0722
Temperature Control Method	Imported PID digital temperature controller
Temperature Control Accuracy	150 ± 0.1℃
Heating Method	Liquid bath heating
Working Units	2 tubes
Flow Control	Electronic flow meter or rotameter, LCD touch screen
Timing Method	Automatic timing, digital display
Power Supply	AC 220V / 50Hz
Dimension	40 x 36 x 76 cm³
Weight	40 kg
Alt Name	High Temperature Foaming Apparatus

ITEMS INCLUDED

No	No	Name	Quantity
1	1	Main unit	1 Set
2	2	Gas source control box	1 Set
3	3	Metal gas diffusion head	2 PCS
4	4	Rubber stopper of cylinder	2 PCS
5	5	1000ml cylinder	2 PCS
6	6	Gas pipe	5 Meters
7	7	Fuse	4 PCS
8	8	Connector	2 PCS
9	9	Thermometer Remark: 98~152℃	1 PC
10	10	Manual book	1 Copy

FEATURES

The instrument is a split type, including a heating bath and an accurate flow meter;
High temperature resistant borosilicate glass cylinder, Φ300 x 450mm, meets the requirements of the standard;
Environmental-friendly oil bath heating, reducing the harm of oil fume to the human body, efficient thermal insulation Effect;
Stainless steel heater;
Very accurate electronic flow meter, automatic constant current 200 ± 5ml / min;
Air filter with glass wool;
Microprocessor thermostat and PID control digital display temperature accuracy 0.1 °C, Pt100 RTD Temperature probe;
Working temperature range: room temperature ~ 150 ° C; safety measures to prevent overheating or low liquid level;
Sputtering turbo agitator to ensure the uniformity of bathtub temperature;
Touch screen operation, foam volume segmented timing buzzing ;
No pollution metal working bath

TESTER PETROLEUM EQUIPMENT BJL1BM1

OXIDATION STABILITY TESTER

The glass test tube meets the requirements of ASTM standards;
Electronic timer, digital display, with alarming;
Precision flow meter regulates gas flow, separate flow control;
Six test tubes can work at the same time, with fan cooling;
Three-dimensional Structure;
Stainless steel heater, heating bath;
Imported Omron PID temperature controller, digital display temperature, accuracy 0.1 °C

SPECIFICATIONS

Model	BJL1BM1
Applicable standards	ASTM D2274, ISO12205, SH/T0175
Temperature control method	Digital PID temperature controller
Circulating method	Magnetic pump circulation
Temperature control range	20-95°C ±0.2°C
Working units	6 tubes
Flow tube control	Adjusted by flow meter
Timing method	Electronic timing, automatic alarming
Power supply	220V, 50Hz
Power consumption	2500W
Dimension	63*71*93 cm
Weight	50KG
Alt Name	Oxidation Stability Tester

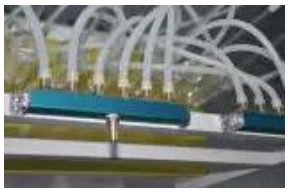
ITEMS INCLUDED

No	Name	Quantity
1	Main unit	1 Set
2	Oxidation tube	6 PCS

3	Glass condenser	6 PCS
4	Silicon tube ϕ6	5 Meter
5	Fuse 20A	4 PCS
6	Oxygen pipe	6 PCS
7	Buffer tank	2 PCS
8	Manual book	1 Copy

FEATURES

The glass test tube meets the requirements of ASTM standards;
Electronic timer, digital display, with alarming;
Precision flow meter regulates gas flow, separate flow control;
Six test tubes can work at the same time, with fan cooling;
Three-dimensional Structure;
Stainless steel heater, heating bath;
Imported Omron PID temperature controller, digital display temperature, accuracy 0.1 °C



TESTER PETROLEUM EQUIPMENT BJL1BJ1

OIL OXIDATION STABILITY TESTER

The instrument is designed and made as per industrial standard of People's Republic of China SH/T 0193 Lubricating oils-Determination of oxidation stability-Rotating pressure vessel method and ASTM D2272 Standard test Method for Oxidation Stability of Steam Turbine Oils by
Rotating Pressure Vessel. The instrument is used to determine the oxidation stability of steam turbine with the same composition (oil base oil and additive) .Also can be used to determine new mineral insulating oil containing 2,6-BHT.

1. Integrated design of the entire machine, desktop structure, high integration, using a touch screen industrial computer, the instrument is equipped with an electric winding machine for making catalyst coils.
2. The metal bath design eliminates the harm of oil fume and environmental pollution to the operator, and simplifies the operation.
3. During the experiment, the glass sample bottle rotates smoothly with low noise.
4. Built in air cooling system to improve the efficiency of continuous testing.
5. It can automatically or manually adjust the pressure, it is convenient to charge or discharge the oxygen.
6. It adopts a high-precision pressure sensor and temperature sensor, the test data is stable and reliable, with temperature overheating protection function.

SPECIFICATIONS

Model	BJL1BJ1
Temperature control point for test bath	140℃, 150℃
Temperature control accuracy	±0.1℃
Range for pressure sensor	(0~1.6) MPa
Pressure accuracy	±0.5%
Rotation speed	(100±5) r/min
Included angle between oxygen bomb and horizontal plane	30°
Power supply	AC (220±10%) V, 50Hz
Total power consumption	<1000W
Working Temperature	15℃ ~ 28℃
Relative humidity	≤85%
Dimension and weight	280 x 500 x 510 mm, about 30 kg
Alt Name	Oil Oxidation Stability Tester

ITEMS INCLUDED

No	Item	Name	Unit	Qty
1	1	Main unit	Set	1
2	2	Teflon cover	Piece	1
3	3	Teflon cover nuts	Piece	3
4	4	Insulation sleeve	Piece	1
5	5	Bakelite handle	Piece	1
6	6	Oxygen bomb sealing ring	Piece	4
7	7	Testing copper wire	Piece	6
8	8	Glass sample container	Piece	4
9	9	Glass sample container cover	Piece	2
10	10	Magnetic holder	Piece	2

11	11	Spring fixing plate	Piece	1
12	12	Special pliers for magnetic holder	Piece	1
13	13	Measuring cylinder (10ml)	Piece	1
14	14	Winding wheel	Piece	1
15	15	Washing bottle	Piece	1

TESTER PETROLEUM EQUIPMENT BJO1BF1

AUTOMATIC VAPOR PRESSURE TESTER (REID METHOD)

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is used to make determination for vapor pressure of gasoline, volatile crude oil and other volatile petroleum products. It cannot be used to determine the vapor pressure of LGP. It is fully-automatic vapor pressure tester by PC control and operation. Advanced heating technology do separation of water and electricity meanwhile lower the height of water in bath. No blind angle in bath. It can save water and energy and also convenient to be cleaned.

SPECIFICATIONS

Model	BJO1BF1
Old Model	BPTL-265
Test bomb	Can do 3 bomb tests at the same time
Water bath temperature	37.8℃
Pressure range	(0 ~ 200) kPa or (0 ~ 29) psi
Temperature control accuracy	±0.1℃
Ambient temperature	15℃ ~ 35℃
Relative humidity	≤ 85%
Power supply	AC(220±10%)V, 50Hz
Maximum power consumption	≤1700W
Dimension	600x500x460 mm
Net weight	23.5 kg
Alt Name	Automatic Vapor Pressure Tester (Reid Method)

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1X1

AUTOMATIC FREEZING POINT TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument can be used to test freezing point of engine coolants and condensation liquids. Automatically judge the freezing point temperature. According to the different configuration,it can be used to test the freezing point etc.indexes of jet fuel,engine coolant and its concentrated solution,it's a multipurpose freezing point tester. It's the floor stand structure,the work table-board is made of stainless steel,concise design,nice appearance,convenient usage,fully furnished.

SPECIFICATIONS

Model	BJO1X1
Old Model	BPTL-256
Freezing point range	-54°C ~ 2°C
Working bath	stainless steel, double vacuum glass observing window
Cold bath measurement temperature	-70°C ~ 30°C
Temperature controlling accuracy	±0.1°C
Sample stirring	mechanical stirring (60 ~ 80) r/min, continuously adjustable
Refrigerator system	imported refrigerator compressor
Heating rate	350W
Ambient temperature	15°C ~ 28°C
Relative humidity	≤ 80%
Power supply	AC(220±10%)V, 50Hz
Maximum power consumption	2000W
Dimension	770x480x730 mm
Net weight	45 kg
Alt Name	Automatic Freezing Point Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1BI1

LIQUID PETROLEUM PRODUCT HYDROCARBON TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to make the main hydrocarbon of liquid petroleum products shown on the silica gel adsorption column with fluorescent indicator. Then calculate it's volume percentage. This will be regarded as the quality measurement index of engine fuel,aviation fuel and other fuel oils. Vertical type and uni-body design. No need to install. It is a kind of professional instrument determining percentage of aromatic hydrocarbon, olefin and saturated hydrocarbon in petroleum fraction. Equipped with a adsorption column cleaning unit. Solve the problem for cleaning the adsorption column.

SPECIFICATIONS

Model	BJO1BI1
Old Model	BPTL-269
Air supply	Nitrogen cylinder (or air compressor, compressed air bottle)
Pressure regulating range of reducing valve	(0~400) kPa
Electric agitator	Independently controlled for each way
Ultraviolet light source pipe	1220mm in length, wavelength is 365mm±5nm
Illuminating lamp	1220mm in length, power is 40W
Ambient temperature	15℃ ~ 35℃
Relative humidity	≤ 85%
Dimension	350x400x1770 mm
Net weight	24 kg
Alt Name	Liquid Petroleum Product Hydrocarbon Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJL1S1

MULTIFUNCTIONAL POUR POINT TEST INSTRUMENT

his pour point test instrument is refrigerated by imported compressor made by Danfoss Denmark.Adopting most advanced refrigeration technology,both troughs can reach to low temperature -70°C.Compared to other machines,our refrigeration performance is stable and, the compressor is durable.

1.This pour point test instrument adopts double compressor cascade refrigeration,environment-friendly refrigerant,speedy cooling.
2.Imported self-priming pump circulation from Taiwan guarantees excellent temperature evenness.
3.Integrated structure is easy to move.
4.It's made by cold-rolled sheet,surface treated by Electrostatic spraying.It's corrosion resisting and easy to clean.
5.It adopts butt welding technology,so there isn't welding spot on the surface.It's beautiful and clean.
6.Micro-computer controller,PID function,digitally display temperature(continuously display during test),accuracy 0.1°C,Pt100 temperature sensor.
7.This pour point test instrument can also be used to measure cloud point.

SPECIFICATIONS

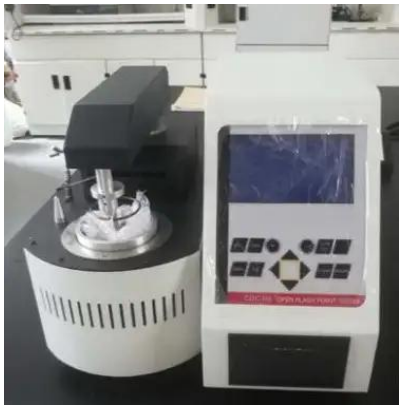
Model	BJL1S1
Old Model	BPTL-221
Applicable standards	GB/T2525, GB/T510, ASTM D97
Temperature controlling method	imported PID digital display temperature controller
Temperature controlling accuracy	-70±0.1°C
Refrigeration method	imported double compressor
Timing method	digital timer
Total power	1000W
Working unit	2 troughs 4 holes
Alt Name	Multifunctional Pour Point Test Instrument

TESTER PETROLEUM EQUIPMENT BJL1J1

FULLY AUTOMATIC CLEVELAND OPEN FLASH POINT METER

According to test method of GB/T3536,this open cup flash point analyzer adopts advanced Microprocessor and PID temperature controlling technology, the temperature rising speed is fast, temperature controlling is more precise, and test result is more accurate.

LCD big screen replaces old design of RS323 port, the operation is easier. This machine is highly automatic, which can automatically calibrate atmosphere, lift, rise temperature, switch, ignite, inspect final point, print test result, air cool etc. All test procedures are automatic, and it can stop when temperature exceeds limit.



1.The open cup flash point analyzer is fully automatically controlled by micro computer, all procedures and result printing are automatic.
2.Big screen interface displays test temperature, oil serial number, test time etc. All process is clear.
3.The micro-printer can save cost.
4.Tempeature is raised by SCM program, and it makes sure the result correct.
5.The flash point analyzer is automatically cooled by air when the test is finished,
6.The flame size can be adjusted.
7.Automatic lifting system is easy for operation
8.It's made by cold-rolled sheet, surface treated by Electrostatic spraying. It's corrosion resisting and easy to clean.

SPECIFICATIONS

Model	BJL1J1
Old Model	BPTL-203
Applicable standards	GB/T3536, ISO2592, ASTM D92
Display mode	LCD
Display contents	Controlling temperature and expected set flash pointFault promptEvery model specifications and atmosphere setting
Measuring range	Ambient ~ 400°C
Measuring accuracy	0.1°C
Refrigeration method	Forced air cooling
Environmental condition	Temperature: 10~55°C; Humidity: 30~80%
Error	Flash point 6°C; Fire point 6°C
Repeatability	Flash point 12°C; Fire point 10°C
Power supply	AC220V ±10% 50Hz
Power consumption	400W
Purpose	Measure flash point of petroleum products
Warranty	1 Year
Color	White
Alt Name	Fully Automatic Cleveland Open Flash Point Meter

FEATURES

1.The open cup flash point analyzer is fully automatically controlled by micro computer, all procedures and result printing are automatic.
2.Big screen interface displays test temperature, oil serial number, test time etc. All process is clear.
3.The micro-printer can save cost.
4.Tempeature is raised by SCM program, and it makes sure the result correct.
5.The flash point analyzer is automatically cooled by air when the test is finished,
6.The flame size can be adjusted.

7.Automatic lifting system is easy for operation
8.It's made by cold-rolled sheet, surface treated by Electrostatic spraying. It's corrosion resisting and easy to clean.
9.The open cup flash point analyzer can be operated manually or automatically
10.Correction function: current date, time, temperature and atmosphere
11.It has protection and self-diagnosis procedures
12.Both main controlling and measuring parts are imported, which makes sure the reliability and stability.
13.The flash point analyzer is compact, small and beautiful
14.High degree of automation: set flash point as per operation method on LCD display screen, press "Start" key, the whole test will be proceeded automatically.

TESTER PETROLEUM EQUIPMENT BJO1BA1

CARBON RESIDUE TESTER (MICROMETHOD)

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is suitable to determine the amount of carbon residue of petroleum products. This instrument adopts an all-in-one structure. It consists of two parts: an electrical control chamber and high temperature heating furnace. The design is simple and reasonable. The instrument can also be used to determine petroleum products composed of distillate oils whose carbon residue is lower than 0.10%(m/m). But the specimen shall be sampling to 10%(V/V)distillation residue according to GB/T17144-2021 requirement firstly. There is no statistically significant difference between the measurement results obtained by this instrument and those obtained by Conrad residual carbon method in the range of 0.10% - 25.0% (mass fraction).

SPECIFICATIONS

Model	BJO1BA1
Old Model	BPTL-259
Temperature of coke chamber	500°C
Temperature control accuracy	±2°C
Heating power	1200W
Ambient temperature	5°C ~ 35°C
Relative humidity	≤ 85%
Power supply	AC(220±10%)V, 50Hz
Power consumption	≤1400W
Dimension	600x260x550 mm
Net weight	21 kg
Alt Name	Carbon Residue Tester (Micromethod)

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJL1M1

CLOSED CUP FLASH POINT TESTER

According to GB261-83 and ISO2719-73 Pensky-Martens Closed Cup Flash Point Test Method,this instrument adopts micro-computer processing technology and advanced PID temperature controlling technology, with fast temperature rising speed,accurate temperature controlling and test result.This procedures of whole test is automatic,and it has functions of automatic atmosphere correction,automatic lifting,automatic temperature rising and switching,automatic opening cover and ignition,automatic end point checking,automatic printing out test result,automatic air cooling,automatic stop when over-heated.

It's controlled by a micro-computer, the whole test procedures and data printing are automatically proceeded.
Big LCD screen display in English,showing test temperature,oil number,test time etc.Whole test process is clear.
Micro-printer can print out the result with low cost.
Temperature is raised by a single-chip machine,which makes sure the accuracy of test result.
When the test is finished,the machine can be cooled automatically by forced air.
The flame size can be adjusted.
The automatic lifting system is easy to operate.
It's made by cold-rolled sheet,surface treated by Electrostatic spraying.It's corrosion resistant and easy to clean.

SPECIFICATIONS

Model	BJL1M1
Old Model	BPTL-207
Applicable standards	GB/T261, ISO2719, ASTM D93, DIN51751
Display mode	LCD big screen in English
Display content	Control temperature and set temperature of expected flash point; Fault warning; Each simulated parameters and pressure setting
Measuring range	40~370℃
Measuring accuracy	±0.1℃
Accuracy	≤104℃±1℃, ≥104℃±2℃
Repeatability	Flash point ≤104℃,error ±1℃; Flash point ≥104℃,error ±2℃
Refrigeration method	forced-air cooling
Power supply	AC 220V±5%,50HZ
Power consumption	380VA
Environment temperature	10~55℃
Environment humidity	30 ~ 80%
Alt Name	Closed Cup Flash Point Tester

FEATURES

It's controlled by a micro-computer, the whole test procedures and data printing are automatically proceeded.
Big LCD screen display in English,showing test temperature,oil number,test time etc.Whole test process is clear.
Micro-printer can print out the result with low cost.
Temperature is raised by a single-chip machine,which makes sure the accuracy of test result.
When the test is finished,the machine can be cooled automatically by forced air.
The flame size can be adjusted.
The automatic lifting system is easy to operate.
It's made by cold-rolled sheet,surface treated by Electrostatic spraying.It's corrosion resistant and easy to clean.
The machine can be operated by manual or automatically
Correction function:current date,time,temperature and atmosphere

It has protection and self-diagnosis procedures
Both main controlling and measuring parts are imported,to ensure reliability and stability.
The machine is compact,small and beautiful
High degree of automation:set flash point as per operation method on LCD display screen,press "Start" key,the whole test will proceed automatically.

TESTER PETROLEUM EQUIPMENT BJL1BL1

AUTOMATIC VAPOR PRESSURE TESTER

This instrument is made and designed as per national standard of GB/T 8017. It can also be used to do determination according to ASTM D323 Standard Test Method. It is used to make determination for vapor pressure of gasoline, volatile crude oil and other volatile petroleum products. It cannot be used to determine the vapor pressure of LGP.

1. It can determine ,calculate and control to system parts. It has advantages of high automation,accurate test results, good repeatability and easy operation.
2. Advanced heating technology do separation of water and electricity meanwhile lower the height of water in bath. No blind angle in bath. It can save water and energy and also convenient to be cleaned.

SPECIFICATIONS

Model	BJL1BL1
Power supply	AC(220±10%)V, 50Hz
Maximum power consumption	≤1700W
Test bomb	Can do 3 bomb tests at the same time
Water bath temperature	37.8°C
Temperature control accuracy	±0.1°C
Pressure range	(0~200)kPa or (0~29)psi
Ambient temperature	(15~35)°C
Relative humidity	≤85%
Dimension	600mmx500mmx460mm
Net weight	23.5kg
Alt Name	Automatic Vapor Pressure Tester

TESTER PETROLEUM EQUIPMENT BJO1H1

RAPID LOW TEMPERATURE CLOSED CUP FLASH POINT TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is specially suitable to determine different kinds of colored paints,oil paints, adhesives,solvents and petroleum products which the closed cup flash point is -30°C~50°C. It can realize purpose of testing closed cup flash point rapidly and at low temperature. Test sample needed is less 2ml for each time(4ml for solid sample and semi-solid sample). The determination procedure is automatically completed except ignition.Test results can be printed automatically.

SPECIFICATIONS

Model	BJO1H1
Old Model	BPTL-239
Flash point measuring range	-30°C ~ +100°C
Precision of determination	Meets standard GB/T 5208
Temperature resolution	±0.1°C
Igniting device	Electric igniting gun
Cooling mode	Semiconductor (No need for external cooling water)
Igniting source	Gas, LPG (or other civilian fuels)
Power supply	AC (220±10%) V, 50Hz
Total power consumption	≤ 300W
Ambient temperature	5°C ~ 30°C
Relative humidity	30% ~ 80%
Dimension	490mm x 520mm x 390mm
Net weight	25.5 kg
Alt Name	Rapid Low Temperature Closed Cup Flash Point Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJL1BB1

GASOLINE OXIDATION STABILITY TESTER

The instrument is designed and made as per national standard of People's Republic of China GB/T8018-87 Gasoline - Determination of oxidation stability - Induction period method.
It is suitable to determine the oxidation stability of gasoline. It can also be used to do determination as per ASTM D525 Standard Test Method for Oxidation Stability of Gasoline (Induction Period Method).

1. Desktop structure,integrated design,the test part and control part united as one,high integration.
2. Adopting built-in industrial personal computer(IPC), automation work mode, metal bath.
3. Draw time pressure curve automatically in the whole process, and judge the turning point of sample oxidation automatically.
4. Double holes are designed to test two samples at the same time.It's easy to do the parallel test.
5. Perfect heat preservation and insulation systems can save energy and avoid the danger of scald to operators.
6. Oxygen bomb location hole design, it's convenient for the operator to disassemble the cover of oxygen bomb in holes, and easy to put the oxygen bomb during t

SPECIFICATIONS

Model	BJL1BB1
Power Supply	AC (220±10%) V, 50Hz
Total Power Consumption	1400W
Measuring Range of Oxygen Bomb Pressure Transmitter	(0~1600) kPa, Accuracy: ±2%
Temperature Control Point of Metal Bath	100.0℃ ±0.1℃
LCD Touch Screen	10.1 inches
Operation Method	Windows system
Working Environment	Indoor laboratory conditions
Ambient Temperature	15℃ ~ 35℃
Relative Humidity	≤85%
Dimension	630 x 280 x 380 mm
Net Weight	50 kg
Alt Name	Gasoline Oxidation Stability Tester

FEATURES

1. Desktop structure,integrated design,the test part and control part united as one,high integration.
2. Adopting built-in industrial personal computer(IPC), automation work mode, metal bath.
3. Draw time pressure curve automatically in the whole process, and judge the turning point of sample oxidation automatically.
4. Double holes are designed to test two samples at the same time.It's easy to do the parallel test.
5. Perfect heat preservation and insulation systems can save energy and avoid the danger of scald to operators.
6. Oxygen bomb location hole design, it's convenient for the operator to disassemble the cover of oxygen bomb in holes, and easy to put the oxygen bomb during the test.

TESTER PETROLEUM EQUIPMENT BJL1N1

THERMAL STABILITY TEST EQUIPMENT

This Thermal Stability Test Equipment is suitable for testing the stability of Unused mineral oil and synthetic hydrocarbon heat transfer fluids.

The use method is as follows: under a certain test temperature, heat the sample in isolation from the air for a specified time, then observe and record its appearance, calculate the quality of gas-phase decomposition products, conduct gas chromatographic analysis on the samples before and after heating, determine the content of low boiling and high boiling products generated by the samples through simulating the distillation curve, weigh a certain amount of heated samples, and determine the content of products that cannot evaporate in the ball tube distiller, Finally, the deterioration rate of the sample is calculated.

1. This Thermal Stability Test Equipment adopts environment friendly metal bath heating, high-efficiency thermal insulation effect;
2. The Instrument has 1-4 test unit, temperature up to 400 °C;
3. Standard stainless steel experimental oxygen bomb with inlet valve and capacity of 20ml;
4. The Thermal Stability Test Equipment provides an inflation and deflation device, with pressure gauge display and needle valve adjustment.

Standards:

• ASTM D6743-11(2015) Standard Test Method for Thermal Stability of Organic Heat Transfer Fluids;

• DIN 51528 Testing of mineral oils and related products - Determination of thermostability of unused heat transfer fluids.

SPECIFICATIONS

Model	BJL1N1
Old Model	BPTL-209
Applicable standard	ASTM D6743, DIN 51528, SH/T0680, GB/T23971, GB/T23800
Temperature control method	imported PID digital temperature controller
Temperature control range	RT~400℃
Temperature control accuracy	± 0.1℃
Heating method	metal bath
Total power	1KW
Working position	1~4 units
Working power	AC220V ± 10% 50HZ
Timing method	digital timer
Alt Name	Thermal Stability Test Equipment

TESTER PETROLEUM EQUIPMENT BJL1BO1

AUTOMATIC CFPP TESTER

This instrument is an automatic cold filter plugging point tester designed and manufactured according to the requirements of the industrial standard SH/T 0248-2006 determination of cold
filter point of diesel oil and civil heating oil. It is applicable to determine the cold filter point of distillate fuel according to the determination method specified in SH/T 0248-2006, including the cold filter point of fuel containing fluidity improvers or other additives and used for diesel engines
and civil heating devices.

1.Intelligent touch control operation, featuring a 10-inch color touch screen. With a simple touch of the keys, operations are completed effortlessly. The user-friendly interface ensures convenient and easy use.
2.Efficient refrigeration system, utilizing a fully enclosed cascade high-efficiency refrigeration compressor combined with a metal cold trap design. No alcohol assistance is required, offering fast cooling speed and high efficiency.
3.Accurate detection technology, equipped with Keyence fiber optic detection technology for high detection sensitivity, ensuring precise and reliable measurement results.
4.The unit adopts a compact design and integrated structure, with a small footprint that facilitates placement and operation in the laboratory.
5.Stable and reliable control system, with the entire unit controlled by an indu

SPECIFICATIONS

Model	BJL1BO1
Temperature range	-70~40℃
Resolution	0.1℃
Pressure measuring range	0~200.0 KPa; resolution 1Pa
Filter	363 mesh stainless steel wire mesh
Refrigeration system	Fully sealed imported compressor refrigeration cycle unit
Power supply	AC220V 50Hz
Alt Name	Automatic CFPP Tester

FEATURES

1.Intelligent touch control operation, featuring a 10-inch color touch screen. With a simple touch of the keys, operations are completed effortlessly. The user-friendly interface ensures convenient and easy use.
2.Efficient refrigeration system, utilizing a fully enclosed cascade high-efficiency refrigeration compressor combined with a metal cold trap design. No alcohol assistance is required, offering fast cooling speed and high efficiency.
3.Accurate detection technology, equipped with Keyence fiber optic detection technology for high detection sensitivity, ensuring precise and reliable measurement results.
4.The unit adopts a compact design and integrated structure, with a small footprint that facilitates placement and operation in the laboratory.
5.Stable and reliable control system, with the entire unit controlled by an industrial-grade PLC controller, ensuring stable performance and reliable operation.
6.Data storage and management, supporting storage of up to 10,000 sets of historical data, allowing users to easily query and manage experimental records at any time.
7.Efficient experimental auxiliary function, equipped with a mini thermal printer that can automatically print results after the experiment.
8.Features an innovative automatic cleaning function, simplifying post-experiment processing and improving experimental efficiency.
9.Strictly designed in accordance with standard methods, the instrument follows standard procedures for cold filter plugging point determination of samples, ensuring accurate measurement results, good repeatability, stable performance, and simple, easy operation.

TESTER PETROLEUM EQUIPMENT BJO1BP1

TOTAL ACID NUMBER TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument can accurately detect the acid value of transformer oil, turbine oil, anti oil, diesel, gasoline and other petroleum products. Test results can be saved as word and excel format documents. It adopts the original imported titration device, and the detection signal is stable and reliable. The instrument can clean, replenish and add liquid automatically.

SPECIFICATIONS

Model	BJO1BP1
Old Model	BPTL-277
Burette volume	10ml
Burette precision	±0.1%F•S
Burette dripping time	(60±20)S(F·S)
Potential measurement range	(0~±1800.0)mV
Basic error of electronic unit	0.1%±0.5mV of full reading
Input impedance	Ri≥1x1012Ω
Acid number measurement range	≥0.05 mgKOH/g
Minimum titration volume	0.001ml
Environment temperature	5℃~35℃
Relative humidity	≤ 80%
Power supply	AC(220±10%)V,50Hz
Total power consumption	≤200W
Outline dimension	About 350x280x180 mm(LxWxH,Without PC)
Net weight	14 kg
Alt Name	Total Acid Number Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJL1L1

EVAPORATING LOSS TESTER

Automatic Evaporation Loss Test Apparatus is used to determine the amount of evaporation loss of lubricating oil. The weighed sample was placed in a crucible for heating, and the mass of the evaporation loss of the test sample was measured by heating at a constant temperature and suction pressure by heating for 1 hour, expressed as a percentage loss.

1. The latest technology: replace the Noack A method, the test process does not require Wood Alloy to avoid environmental pollution and personal injury.
2. Control mode: embedded operating system, high-speed microprocessor control, stable and reliable work.
3. Printing method: USB printer interface, RS232 interface.
4. Touch screen: LCD display, convenient touch screen operation.
5. Security: Built-in diagnostic program and various alarm functions.
6. Precision control: built-in large-capacity EPROM, real-time recording of temperature and pressure values at each moment.

SPECIFICATIONS

Model	BJL1L1
Applicable standards	SH/T 0059; ASTM D5800 B
Temperature range	Ambient ~ 300℃
Temperature setting	Resolution accuracy ±0.1℃; temperature accuracy ±0.5℃
Heating unit	Environmentally friendly lightweight heating unit
Vacuum control	Vacuum pump and pressure gauge air filter
Pressure range	0 ~ 25 mm H2O
Pressure accuracy	Resolution accuracy ±0.05 mm H2O; stability accuracy ±0.2 mm H2O
Heating power	2.0KW
Power supply	AC220V ±10% 50Hz
Application	Determine the evaporation loss of lubricating oil
Warranty	1 Year
Alt Name	Evaporating Loss Tester

TESTER PETROLEUM EQUIPMENT BJO1T1

VACUUM DISTILLATION TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is used to determine the range of boiling points for petroleum products that can be partially or completely vaporized at a maximum liquid temperature of 400°C. The instrument has a built-in 10.1-inch color LCD touch screen industrial control computer, with a friendly man-machine dialogue interface and convenient operation. With built-in condensate trap and semiconductor refrigeration technology, The refrigeration device is compact. The system is equipped with nitrogen interface. After the experiment, the system will prompt the user to open the nitrogen valve to avoid the danger of air entering the vacuum system.

SPECIFICATIONS

Model	BJO1T1
Old Model	BPTL-252
Temperature control range of condensate circulating water	Ambient+5°C (Min. 30°C) ~ 80°C±3°C; adjustable
Working Mode of condensate trap	Semiconductor refrigeration
Minimum temperature	≤ - 40 °C
Absolute pressure setting	2 mmhg, 5 mmhg, 10 mmhg, 20 mmhg, 50 mmhg
Absolute pressure measurement range	(2.00~170.00) mmHg ± 0.01 mmHg automatic constant pressure
Absolute pressure control accuracy:	
When residual pressure <1kPa (7.5mmHg)	accuracy <0.01kPa (0.075mmHg)
When residual pressure ≥ 1kPa (7.5mmHg)	accuracy ≤ 1% of absolute pressure
Ambient temperature	15°C~35°C
Relative humidity	≤ 85%
Total power consumption	≦1800W
Power supply	AC 220V,50Hz
Dimension	800x500x900 mm
Alt Name	Vacuum Distillation Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1BK1

X-RAY FLUORESCENCE SULFURIN- OIL ANALYZER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument provides a measure to determine sulfur content during petroleum or petrochemical production process. The detection lower limit of sulfur content can reach 0.0017%, which can be widely used in the detection of sulfur content of related oil products with percentage content greater than this index. The data storage capacity is large, it can store 4096 analysis results, 8192 count measurement data and 10 calibration curves. The stored data can be queried, it also can be uploaded to the computer through RS-232 standard communication port. The unit of measurement result can be selected, ppm or (m / m)%.

SPECIFICATIONS

Model	BJO1BK1
Old Model	BPTL-271
Oil sample quantity	6 ml
Powder sample quantity	3 g
Detection limit	50 ppm
Measuring range	0.005% ~ 5%
Repeatability (r)	< 0.4347 x0.6446
Reproducibility (R)	< 1.9182 x0.6446
Measurement time	Preset: 30, 60, 90, 120, 150s; Repeat times: 1, 2, 3, 5, 10
Sample measurement	Automatic measurement of single sample; average value & standard deviation output
Calibration curve numbers	Can save 10 calibration curves
Ambient temperature	10°C ~ 30°C
Relative humidity	≤ 85% (30°C)
Power supply	AC220V ±20V, 50Hz/60Hz
Power consumption	50W
Dimension	480x380x140 mm
Net weight	13 kg
Alt Name	X-ray Fluorescence Sulfurin- Oil Analyzer

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1BQ1

AUTOMATIC ENGINE OILS APPARENT VISCOSITY TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is used to detect the apparent viscosity of the apparent oils. With 15 inch color LCD touch display to realize the operation. It adopts the imported compressor,the cascade refrigeration technology with the fast cooling speed. The parameters of all standard oils can be editable and stored,it can save the 1000 groups of history test data and it's convenient to check and reuse. Configuration with minniprinter to automatically print the report after the test.

SPECIFICATIONS

Model	BJO1BQ1
Old Model	BPTL-278
Viscosity measurement range	1500mPa·s ~27000mPa·s
Cold bath temperature control range	Ambient ~ -60°C
Cold bath temperature control accuracy	±0.5°C
Stator temperature control accuracy	±0.05°C
Environment temperature	10°C~40°C
Relative humidity	≤ 85%
Power supply	AC(220±10%)V, 50Hz
Maximum power consumption	2500W
Dimension	1450x500x620 mm
Alt Name	Automatic Engine Oils Apparent Viscosity Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJO1BH1

AUTOMATIC LUBRICATING OILS OXIDATION STABILITY TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.

The instrument is used to determine the oxidation stability of steam turbine with the same composition (oil base oil and additive) .Also can be used to determine new mineral insulating oil containing 2,6-BHT. The metal bath design eliminates the harm of oil fume and environmental pollution to the operator, and simplifies the operation. The software design has a high degree of automation, which fully considers the user's operating habits and standard requirements, and can automatically complete a series of operations. In appropriate time, the interface will pop up prompt text to guide the user to carry out the next correct operation and avoid errors.

SPECIFICATIONS

Model	BJO1BH1
Old Model	BPTL-268
Test sample	Two-bomb design, can do two samples at one time. Convenient to do parallel test.
Rotation speed	(100±1)r/min
Included angle between oxygen bomb and water level	30°
Range for pressure sensor	(0 ~ 1.6)MPa
Accuracy	±2%
Working Temperature	-10℃ ~ 40℃
Temperature control point for oil bath	140℃,150℃
Temperature control accuracy	±0.1℃
Relative humidity	≤85%
Dimension	370x500x540 mm
Net weight	25 kg
Alt Name	Automatic Lubricating Oils Oxidation Stability Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJL1U1

LUBRICATING GREASES CORROSION-PREVENTIVE PROPERTIES TESTER

This test method covers the determination of corrosion-preventive properties of greases using grease-lubricated ball bearings under dynamic wet conditions

1.Supplied with standard test bearing,30*72*19mm3;
2.Inspect bearing with reflector without magnification function,which is easy to operate
3.Big torque motor is easy to drive
4.Digital display working and stop time
5.Motor is automatically stopped when test is finished.
5.It can make solid and dynamic tests

SPECIFICATIONS

Model	BJL1U1
Old Model	BPTL-223
Applicable standards	ASTM D6138
Rotating method	AC motor drive
Rotating speed	80~85r/min
Timing method	Digital timer
Start and Stop time	set at random
Power supply	220V 50Hz
Total power consumption	600W
Alt Name	Lubricating Greases Corrosion-Preventive Properties Tester

TESTER PETROLEUM EQUIPMENT BJL1BA1

FULLY AUTOMATIC QUENCHING MEDIUM COOLING PERFORMANCE TESTER

This instrument is a fully computer-automated product that replaces earlier chart recorders. It simplifies operation, reduces manual procedures, and ensures more accurate results. The system consists of a main unit, a computer-controlled automatic testing system, a heating furnace, and a stirring system. Users only need to place the sample into the test cup and press the "Start" key on the computer; the instrument will automatically measure and save the results.

Over the years, testing methods for quenching media have evolved from the magnetic method, five-second method, and hot wire method to today's cooling curve method, transitioning from relative backwardness to advanced technology and becoming increasingly scientific and rational. The introduction of computer-automated testing has further perfected this technology, enabling fast, precise, and reliable evaluation.

Microcomputer temperature control system automatically detects the laboratory temperature and calculates the heating rate
based on the working environment to ensure temperature accuracy.
The instrument housing is made of cold-rolled steel plate, treated with electrostatic spraying and high-temperature baking for easy
cleaning and corrosion resistance.
The high-temperature furnace uses Swiss-imported electric heating wires as heating elements, ensuring uniform temperature and
long service life.
The furnace chamber features an 8-hole cyclic heating , avoiding the common issue of heating wire burnout.
The furnace body is made of stainless steel.

SPECIFICATIONS

Model	BJL1BA1
Old Model	BPTL-218
Applicable Standards	SH/T 0220, JIS K2242 (or optionally ISO 9950)
Heating Method	Electric heating wire
Temperature Control Range	80 ± 2°C, 810 ± 2°C
Control Method	Digital Display PID Automatic Temperature Control
Temperature Control Accuracy	0.5%
Displayed Data	Process curve, cooling rate curve, characteristic temperature
Result Determination	Automatic calculation
Operating Environment	Indoor use only
Temperature	0 ~ 45°C
Relative Humidity	≤ 80%
Power Supply	AC 220V ±10% / 50Hz
Total Power	< 2 kW
Dimensions	415 x 455 x 700 mm³
Net Weight	< 40 kg
Alt Name	Fully Automatic Quenching Medium Cooling Performance Tester

FEATURES

Microcomputer temperature control system automatically detects the laboratory temperature and calculates the heating rate based on the working environment to ensure temperature accuracy.

The instrument housing is made of cold-rolled steel plate, treated with electrostatic spraying and high-temperature baking for easy cleaning and corrosion resistance.

The high-temperature furnace uses Swiss-imported electric heating wires as heating elements, ensuring uniform temperature and long service life.
The furnace chamber features an 8-hole cyclic heating , avoiding the common issue of heating wire burnout.
The furnace body is made of stainless steel.
The low-temperature furnace uses mold-formed construction and aluminum bath conduction to prevent samples from splashing into the heater and causing fires.
The furnace chamber connection adopts a standard slide rail design, allowing sliding for easy maintenance.
The inner holes of the furnace chamber are equipped with anti-signal interference slots to prevent electromagnetic interference during testing, which could disrupt data collection by the silver probe.
Standard test probe testing complies with experimental standards.
Automatic test probe release requires no manual intervention.
When the furnace temperature reaches the set value, the computer prompts automatically and initiates the test.
Testable media: oils, water, quenching fluids, salt-alkali solutions, rolling cooling fluids, cutting fluids, etc.
Data acquisition uses a high-speed data acquisition card.
The instrument features an overtemperature alarm function.
Results are displayed in both curve and data formats.
Parameters are adjustable.
Stirring rate can be adjusted for different samples.
Capable of storing 500 sets of result data.
Allows simultaneous comparison of three sets of test curves.
Enables querying of any temperature or time data from the test.

TESTER PETROLEUM EQUIPMENT BJL1W1

LOW-TEMPERATURE TORQUE TESTER

The Low temperature torque tester uses a standard 204 bearing for testing. After 2 hours of stationary and constant temperature at a specified temperature, it rotates at a specified speed to determine its starting torque and running torque.

1. The anti-frost transparent observation window can directly observe the test conditions of the squirrel cage;
2. This low torque characteristics tester can automatically record starting torque and running torque;
3. This ASTM D1478 torque testerImported French Tecumseh compressor unit, with large cooling capacity, the lowest can reach -75°C;
4. Safety protection measures, over-temperature, overload, leakage, short circuit, power phase loss, and fault protection.
5. The low temperature torque test equipment can automatically control the running time;
6. The multi-wing air blower has strong air circulation to avoid any dead angles and make the temperature distribution in the test area even.

SPECIFICATIONS

Model	BJL1W1
Old Model	BPTL-226
Applicable standards	SH/T0338, ASTM D1478
Refrigeration method	Imported French Tecumseh compressor unit
Temperature controlling range	ambient-70°C
Temperature control	Digital timer
Rotating speed	1r/min
Torque test	digital dynamometer
Torque accuracy	0.1%
Power supply	AC220V 50HZ

Total power consumption	1000KW
Alt Name	Low-Temperature Torque Tester

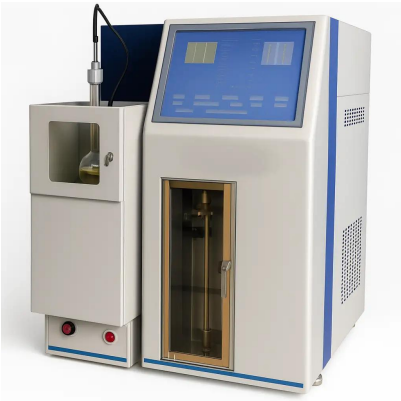
FEATURES

1. The anti-frost transparent observation window can directly observe the test conditions of the squirrel cage;
2. This low torque characteristics tester can automatically record starting torque and running torque;
3. This ASTM D1478 torque testerImported French Tecumseh compressor unit, with large cooling capacity, the lowest can reach -75℃;
4. Safety protection measures, over-temperature, overload, leakage, short circuit, power phase loss, and fault protection.
5. The low temperature torque test equipment can automatically control the running time;
6. The multi-wing air blower has strong air circulation to avoid any dead angles and make the temperature distribution in the test area even.
7. This torque test apparatus is equipped with fixed speed motor, without adjustment, stable;

TESTER PETROLEUM EQUIPMENT BJO1Q1

AUTOMATIC DISTILLATION TESTER

Petroleum testing is the analysis during upstream, midstream, and downstream production processes of petroleum products. It is most commonly used to test petroleum product, its product components, byproducts of crude oil, fuel, natural gas, upstream oil and gas and other formats of petroleum.



The instrument is used to determine the distillation characteristics of motor gasoline, aviation gasoline, jet fuel, diesel oil, distillate fuel, naphtha, and some solvents which have special boiling points. It is a new instrument which is advanced. High cost performance. Built-in microcomputer. Advanced IPC technology. 12.1 inch light-touch LCD. Man-machine dialog. Easy to operate. Automatic liquid level tracking system. The test result are reliable and in good repeatability. It can calculate the vapor temperature by inputting the residue amount after the test. There is anti-freezing solution in the cold bath. A circulation stirrer is equipped inside. The liquid level sensor and overflow pipe will make the water leve in the bath normally.

SPECIFICATIONS

Model	BJO1Q1
Old Model	BPTL-249
Temperature range of bath	0 ~ 60℃
Temperature control precision of bath	±0.5℃
Temperature range of receiving chamber	0 ~ 60℃
Temperature control precision of receiving chamber	±1℃
Distillate liquid detection	0 ~ 100 ml, resolution 0.01 ml
Distillate liquid detection precision	≤0.1 ml
Distillation heater	1000W, 24V
Ambient temperature	10℃ ~ 35℃
Relative humidity	≤ 80%
Power supply	AC (220±10%) V, 50Hz
Maximum power consumption	2500W
Dimension	500 x 530 x 660 mm
Net weight	85 kg
Alt Name	Automatic Distillation Tester

APPLICATIONS

Petroleum Industry, PVC Pipe Industry

TESTER PETROLEUM EQUIPMENT BJL1BF1

AUTOMATIC FREEZING POINT TESTER

The instrument is automatically controlled by computer,easy to operate. It automatically controls, detects, and calculates the results. It automatically shuts down at the end of the test, and the software displays the time and temperature curves.
The test principle is to take a sample of 75-100ml and inject it into a test tube. The test tube is placed in a cold bath to cool down, record the temperature of the sample per minute, and draw a time-temperature curve. The projection point of the intersection of the cooling curve and the crystallization curve on the vertical axis is the freezing point of the sample.

1. Carry out two tests simultaneously and calculate the average value;
2. Touch screen operation, automatically draw cooling curve and automatically calculate freezing point.
3. Imported dual compressor refrigeration, the refrigeration temperature can reach -70 °C;
4. The mechanical stirrer replaces the electromagnetic stirrer to prevent uneven stirring and affect the test accuracy;
5. Adjustable special test tube clamp to perfectly fix the test tube;

SPECIFICATIONS

Model	BJL1BF1
Old Model	BPTL-220
Applicable standard	SH/T0090, ASTM D1177, NFT 78102
Temperature control method	Imported PID temperature controller
Temperature control range	-70 ± 0.1°C
Refrigerator system	Imported dual air compressors
Sample stirring	Motor stirring
Display method	LCD
Alt Name	Automatic Freezing Point Tester

TESTER PETROLEUM EQUIPMENT BJO1BX1

ULTRAVIOLET FLUORESCENCE SULFURIN-OIL ANALYZER

The instrument is utilized to decide the whole sulfur substance by bright fluorescence method. It improves the capacity of anti-jamming and avoids the complicated operation of titration pool and components of insecurity which utilized Coulometry.

The instrument is used to determine the total sulfur content by ultraviolet fluorescence method. It Improves the ability of anti-jamming and avoids the complicated operation of titration pool and factors of instability which used Coulometry. So the sensitivity of the instrument is greatly improved. The data collecting, processing, storage and printing are fully controlled by computer.

SPECIFICATIONS

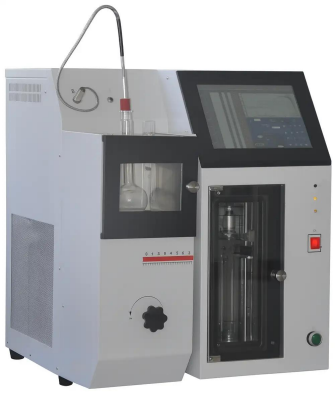
Model	BJO1BX1
Old Model	BPTL-403
Sample injection quantity	Solid: 1-20 mg; Liquid: 5-20 μL; Gas: 1-5 mL
Determination method	Ultraviolet fluorescence method (S)
Measuring range	5 ppm ~ 5000 ppm (High concentration should be diluted, low concentration gas sample is up to 0.1 ppm)
Temperature range	Ambient to 1150°C
Temperature control precision	±1°C
Air supply - High purity argon	Above 99.9%
Air supply - High purity oxygen	Above 99.9%
Power supply	AC220V ±22V, 50Hz ±0.5Hz, 1500 W
Dimension - Host	305(W) x 460(D) x 440(H) mm
Dimension - Temp controller	550(W) x 460(D) x 440(H) mm
Net weight - Host	20 kg
Net weight - Temp controller	40 kg
Standard configuration	Printer + Computer + SYD 0689 + Liquid injector
Other optional parts	Solid sample injector, gas sample injector
Alt Name	Ultraviolet Fluorescence Sulfurin-Oil Analyzer

APPLICATIONS

Petroleum Industry, Oil and Gas Industry

TESTER PETROLEUM EQUIPMENT BJL1Y1

FULLY AUTOMATIC DISTILLED OIL ANALYZER



Big LCD screen,which can show distillation rate,temperature,recovery volume ratio etc.
Automatic optimize all parameters of heating power.
Feedback heater,bumping after placing sample.
All components are made by fire-resistant,high temperature resistant and non-toxic materials,
IR sensor makes sure accuracy of measuring volume,without influence of temperature.
Reading by IR measuring cylinder,drove by step motor,high precision screw ball.
Low noise air compressor refrigeration system.
Automatic stop after test finish.
Automatic temperature volume correction.

SPECIFICATIONS

Model	BJL1Y1
Old Model	BPTL-231
Applicable standards	GB/T6536; ASTM D 86, ISO 3405;
Measuring temperature	Ambient~+400°C
Temperature controlling accuracy	+/- 0.1°C
Volume accuracy	+/- 0.1 ml

Temperature of measuring cylinder	0~60℃
Distillation rate	4~5ml/min
Heating mode	Feedback heater
Display mode	10.4 inch LCD screen
Refrigeration mode	Air compressor
Heating power	2500W
Dimension	600*450*650mm
Net weight	53KG
Alt Name	Fully Automatic Distilled Oil Analyzer

FEATURES

Big LCD screen,which can show distillation rate,temperature,recovery volume ratio etc.
Automatic optimize all parameters of heating power.
Feedback heater,bumping after placing sample.
All components are made by fire-resistant,high temperature resistant and non-toxic materials,
IR sensor makes sure accuracy of measuring volume,without influence of temperature.
Reading by IR measuring cylinder,drove by step motor,high precision screw ball.
Low noise air compressor refrigeration system.
Automatic stop after test finish.
Automatic temperature volume correction.
Automatic Atmospheric pressure compensation
When measuring benzene products,the electrical furnace can stop heating automatically,to prevent temperature overshoot(please inform before purchasing)

TESTER PETROLEUM EQUIPMENT BJL1X1

OIL OXIDATION STABILITY TESTER

This newly researched and produced instrument can determine oxidation stability of grease fastly and correctly.It provides effective scientific basis for researching the processing,using,storage,oil selection of vegetable oil production and usage of antioxidant and reinforcers.And it can also help for researching oxidation stability of environmental automobile fuel oil FAME.
It is mainly suitable to:

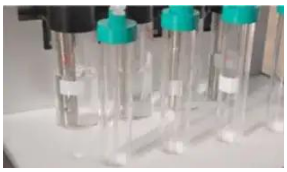
- determine animal and vegetable Fats and Oil oxidation stability
- evaluate anti-oxidation degree of antioxidant
- measure oxidation stability of cosmetics with rich grease

1.The software records variation curve of conductivity automatically,and judge induction inflection point by calculate second derivative of curve;
2.When the test is finished,the induction response time and curve will be stored in a base for querying.
3.Besides of induction response time,software can also evaluate the stable time,that is time for conductivity to reach a certain value.
4.Software can re-evaluate every test curve.Through setting time range,select a certain section of curve to evaluate,in order to avoid abnormal data caused by cleaning,sample or others.
5.Data base can store all related information,including conductivity curve,indication response time,using method,start and ending time of test.
6.Users can set query terms to find test data;

SPECIFICATIONS

Model	BJL1X1
Old Model	BPTL-227
Temp.controlling	Import PID temp.controller

Flow range	8~12L/h±10%
Measuring range	0~800 μS/cm
Resolution	0.1μS/cm
Gas source	10L/H with special membrane pump
Temp.controlling method	electrical heating rod
Working temp.	50~150℃±0.1℃
Power supply	AC220V±10% 50HZ
Power consumption	1.1KW
Result processing	Automatical calculation and storing by PC
Alt Name	Oil Oxidation Stability Tester



FEATURES

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5.Data base can store all related information,including conductivity curve,indication response time,using method,start and ending time of test.
6.Users can set query terms to find test data;
7.Software also has functions of multi-curves comparison and analysis
8.Display mode:curve and digital
9.The temperature and flow can be calibrated by software.
10.Working units:4 tubes
11.Each sample is controlled independently,and it can be set automatically according to requirement. 0~800 μS/cm.

Related standards:
• ISO 6886:Animal and vegetable fats and oils -- Determination of oxidative stability (accelerated oxidation test)
• EN 14112-2003 :Fatty Acid Methyl Esters (FAME) - Determination of oxidation stability (accelerated oxidation test)
• EN15751 Automotive fuels - Fatty acid methyl ester (FAME) fuel and blends with diesel fuel - Determination of oxidation stability by accelerated oxidation method
• EN16568 Automotive fuels - Blends of Fatty acid methyl ester (FAME) with diesel fuel - Determination of oxidation stability by rapidly accelerated oxidation method at 120 Degrees

TESTER PETROLEUM EQUIPMENT BJL1BH1

APPARENT VISCOSITY TESTER

This instrument measures the high-temperature high-shear (HTHS) apparent viscosity of engine oil under conditions of 150°C and a wall shear rate of 1.4x106s-1 using a multi-capillary viscometer equipped with pressure, temperature, and timing devices. The shear rate specified in this standard can reduce the differences between this method and other test methods for determining high-temperature high-shear apparent viscosity. The viscosity is directly measured using a calibration curve established with Newtonian oils that have an apparent viscosity of 2 mPa·s to 5 mPa·s at 150°C.

Accessories are interchangeable with imported instruments;
Equipped with dedicated high-shear viscosity calculation software;
The instrument allows for continuous operation 24 hours a day, 365 days a year;
No solvent cleaning is required, only a small amount of new samples are needed for rinsing;
The glass capillary tubes meet standard requirements, with a diameter of 0.15mm and a length of 16mm;
For users with research purposes, different shear rates and test temperatures can be set;
5 sample units can be measured continuously and quickly in a cycle, with 15 to 20 samples per hour;
Touch liquid crystal screen control, direct operation on the LCD screen;

SPECIFICATIONS

Model	BJL1BH1
Old Model	BPTL-104
Applicable Standard	SH/T0703, ASTM D5481
Heating method	Electric heating rod
Test temperature	Ambient to 150°C
Temperature control accuracy	±0.1°C
Working unit	5 tubes
Control method	Touch liquid crystal screen
Shear rate	$1.4 \times 10^6\ s^{-1}$
Result calculation	Windows version high-temperature high-shear viscosity calculation software
Screen display content	Test pressure, test time, sample temperature, equilibration time
Pressure range	350 ~ 3500 kPa (50 ~ 500 psi), pressure control accuracy: ≤ ±1%
Total power	500W
Instrument dimensions	300 x 500 x 700 mm
Net weight	50 kg
Alt Name	Apparent Viscosity Tester

FEATURES

Accessories are interchangeable with imported instruments;
Equipped with dedicated high-shear viscosity calculation software;
The instrument allows for continuous operation 24 hours a day, 365 days a year;
No solvent cleaning is required, only a small amount of new samples are needed for rinsing;
The glass capillary tubes meet standard requirements, with a diameter of 0.15mm and a length of 16mm;
For users with research purposes, different shear rates and test temperatures can be set;
5 sample units can be measured continuously and quickly in a cycle, with 15 to 20 samples per hour;
Touch liquid crystal screen control, direct operation on the LCD screen;
The software automatically recommends test pressure, and test results can be generated in an Excel report format;

TESTER PETROLEUM EQUIPMENT BJL1H1

SCANNING BROOKFIELD GELATION INDEX TEST INSTRUMENT

The Scanning Brookfield Gelation Index Test Instrument measures the low-temperature pumpability and gelation index of new oil, smoky and highly oxidized engine Oils by continuously recording viscosity values in a wide temperature range.
This Low-Temperature Gelation Index Test Instrument is compilied with ASTM D5133, ASTM D7110, SH/T0732, GB/T 11121 and other standard test methods, and it is specified instrument for ASTM D5133.
Working principle: measure the low temperature pumpability and gelation index of unused and highly oxidized engine oil by slowly and continuously reducing the measuring temperature, and record the two values at the same time. If the gelation index is higher than 12, the engine will fail under some cooling conditions. This Low-Temperature Gelation Index Tester is the only one that can measure lubricant gelation index.

1. The Scanning Brookfield Gelation Index Test Instrument can automatic calibration process and graphic display of calibration data;
2. The Scanning Brookfield Gelation Index Test Instrument has Multi point temperature correction, or add temperature correction points by yourself;
3,The analysis software can be used to calibrate the viscometer and analyze the linear accuracy;
4. One key automatic lifting structure, automatic positioning of viscometer;
5. The Scanning Brookfield Gelation Index Test Instrument has the test tube locking function to prevent excessive viscosity from driving the test tube to affect the accuracy;
6. The Scanning Brookfield Gelation Index Test Instrument can automatically scan viscosity, generate gelation curve, and automatically analyze gelation index an

SPECIFICATIONS

Model	BJL1H1
Old Model	BPTL-201
Power supply	AC(220±10%)V, 50Hz
Refrigeration	Semiconductor
Temperature control range	Room temperature ~ -40℃ (-70℃ is customized)
Temperature control accuracy	±0.1℃
Measuring range	0~40000 mPa·s
Heating method	Electrical heating rod
Display	LCD
Applicable standard	ASTM D5133, ASTM D7110, SH/T0732, GB/T11121
Test Method	Scanning Brookfield
Color	White
Language	English
Alt Name	Scanning Brookfield Gelation Index Test Instrument

FEATURES

1. The Scanning Brookfield Gelation Index Test Instrument can automatic calibration process and graphic display of calibration data;
2. The Scanning Brookfield Gelation Index Test Instrument has Multi point temperature correction, or add temperature correction points by yourself;
3,The analysis software can be used to calibrate the viscometer and analyze the linear accuracy;
4. One key automatic lifting structure, automatic positioning of viscometer;
5. The Scanning Brookfield Gelation Index Test Instrument has the test tube locking function to prevent excessive viscosity from driving the test tube to affect the accuracy;
6. The Scanning Brookfield Gelation Index Test Instrument can automatically scan viscosity, generate gelation curve, and automatically analyze gelation index and gel temperature;
7. Scanning Brookfield Gelation Index Test Instrument adopts linear curve for cooling, and the cooling rate can be edited

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