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MACHINE PETROLEUM EQUIPMENT

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Our extend incorporates Moderately High Temperature Piston Deposits Apparatus which test thermo-oxidation motor oil recreation, Rotating Pressure Vessel Oxidation Test which measures the resistance to oil oxidation and Ultraviolet Fluorescence Sulfur-in-Oil Analyzer that measures the whole sulfur substance by bright fluorescence strategy. Used in Petroleum Industry, Oil and Gas Industry.

BPTL-401 MODERATELY HIGH TEMPERATURE PISTON DEPOSITS APPARATUS



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User can set working time, automatic stop after finishing test. Catalyst magnetic mixing device can set mixing time and speed. All parameters can be set on touch screen, one-click start test.

SPECIFICATIONS

Model	BPTL-401
Gas flow	Electronic flow controller accurately controls the gas flow at $10\text{ml} \pm 0.2\text{ml/min}$
Mixing device	Catalyst magnetic mixing device can set mixing time and speed
Display	All parameters can be set on touch screen, one-click start test
Optional	ASTM D6335 and SH/T0750 test components

BPTL-402 ROTATING PRESSURE VESSEL OXIDATION TEST



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Dry heating, no need silicon oil, direct air heating. Each bomb can work independently. Small size, desktop design.

SPECIFICATIONS

Model	BPTL-402
Controller	Can connect 12 units RPVOT

Bomb	Each bomb can work independently
Result	Automatic calculated
Pressure curve	Automatic draw
Functions	Dry heating,no need silicon oil,direct air heating
Uses	Can be used for analysis of RBOT and TFOUT

BPTL-403 ULTRAVIOLET FLUORESCENCE SULFUR-IN-OIL ANALYZER



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	BPTL-403
Sample injection quantity	Solid: 1-20mg; Liquid: 5-20 μ L; Gas: 1-5mL
Determination method	Ultraviolet fluorescence method (S)
Measuring range	5ppm ~5000ppm (High concentration should be diluted, Low concentration gas sample is up to 0.1ppm)
Temperature range	Ambient to 1150 $^{\circ}$ C
Temperature control precision	$\pm 1^{\circ}$ C
Air supply requirements	
High purity argon	Above 99.9%
High purity oxygen	Above 99.9%
Power supply	AC220V \pm 22V, 50Hz \pm 0.5Hz, 1500 W
Dimension: Host	305(W) \times 460(D) \times 440(H)mm
Dimension: Temp controller	550(W) \times 460(D) \times 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



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