BioLAB

PRODUCT CATALOG

KJELDAHL ANALYZER

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KJELDAHL ANALYZER

Kjeldahl Analyzer is an automatic device integrating distillation and titration functions designed based on classic Kjeldahl nitrogen determination method.
Used in Widely used in the fields of food processing, feed production, tobacco, animal husbandry, soil fertility, environmental monitoring, medicine, agriculture, scientific research, teaching, quality supervision, other fields of nitrogen or protein determination.
Also known as Automatic Kjeldahl Analyzer.

BKJS-201 KJELDAHL ANALYZER

Automation, Fully automatic distillation, titration, calculation, printing, waste disposal, fault self-test.

With side-distillation titration and variable-speed titration technology, reducing experiment time by one-third.

With batch testing function, it makes the batch sample experiment operation simple and simple, reducing test time.

New Android operating system, easy to use, powerful, with 10 inch high-definition color touch screen, real-time control of the entire experimental process.

Monitoring the condensate effluent temperature in real time to ensure complete condensation of the sample, ensuring the test results are accurate and reliable.

The titration module is used to titrate the receiving liquid, the titration result is more accurate, and the titration precision is higher.

The titration graph displays the online monitoring of the entire experimental process in real time, and the experimental method can be adjusted in real time to improve the test accuracy and efficiency.

All sample weight weigh by balance can be output directly for analysis.

New metal condensing unit, ultra high efficiency for condensing,saving up to 50% water.

Distillation and titration in real time, variable speed titration technology, reducing experiment time up to 30%.

High accuracy, burette accuracy can be adjust from 0.2 to 1μL/Step.

SPECIFICATIONS

Model	BKJS-201
Measuring range	0.1mg ~240mg N
Analysis time	3~8min/sample
Reproducibility	Average value relative error ±0.5%
Recovery	≧99.5%
Burette accuracy	1.0μL/step optional:0.2μL/step and 0.4μL/step
Sample capacity	solid≦5g/sample, liquid≦20mL/sample
Water consumption in the distillation process	0.5L/min
Data storage capacity	1 million groups
Power supply	220VAC±10%, 50Hz
Power	2KW
Net weight	38Kg
Dimensions	460mm×360mm×725mm

BKJS-202 KJELDAHL ANALYZER

Automatic distillation, calculation, printing, titration, drain and cleaning function, safety and saving-time.

Large LCD touch screen gives visual operation and abundant information,enabling user to have a good command of it.

User friendly design, color touch screen, easy for operating.

Titration while distillation, enhance the efficiency rapidly.

Visible titration cup design gives operator real-time control of the whole test process.

Regent barrel enjoys fluid absence warning function, ensuring smooth test going.

Steam flow is controllable, satisfying different test requirements.

Test results accuracy is ensure by high-precision charging pump and titration system.

Distilled liquid temperature is detected real time. Emergency stop against temp anomaly.

To avoid Operator touch distilled hot reagents, protecting operators, Digestion tube fast drain function is used.

Faster ARM system, faster operating rate.

Double distillation model meets different experiments, to retard the speed of acid-base reaction.of acid-base reaction.

Compatible with ϕ42mm digestion tube.

Printer is built in.

SPECIFICATIONS

Model	BKJS-202
Measuring range	0.1mg ~ 240mg N
Analysis time	5 ~ 10min/sample
Reproducibility	Average value relative error ≤±0.5%
Recovery	≧99.5%
Burette accuracy	1.0μL/step
Sample capacity	solid≦5g/sample, liquid≦20mL/sample
Water consumption in the distillation process	1.5L/min
Data storage capacity	1800 groups
Power supply	220VAC±10%, 50Hz
Power	2Kw
Net weight	38Kg
Dimensions	455mm×391mm×730mm

BKJS-203 KJELDAHL ANALYZER

Automatic cleaning ensure operator safety and save time.

High-precision charging pump and titration ensure test results accuracy.

External titration cup design gives operator real-time control of the whole test process.

The temperature of distilled liquid is detected real time. If the temperature of distilled liquid is abnormal, to ensure the accuracy of experiment's result, instrument will stop working.

Routine maintenance easy due to Pre-install functions of cleaning, include receiving cup cleaning, alkali pipeline cleaning, boric acid pipeline cleaning, acid washing, steam bottle evacuation.

High accuracy dozing and working: adopt 4 KNF pumps work for dozing, measurement liquid volume.

Integrated printer on the instruments.

High titration accuracy, up to 2.0μL/step.

SPECIFICATIONS

Model	BKJS-203
Measuring range	0.1mg ~ 240mg N
Analysis time	5 ~ 10min/sample
Reproducibility	Average value relative error ≤±0.5%
Recovery	≧99.5%
Burette accuracy	2.0μL/step
Sample capacity	solid≦5g/sample, liquid≦20mL/sample
Water consumption in the distillation process	1.5L/min
Data storage capacity	1000 groups
Power supply	220VAC±10%, 50Hz
Power	2Kw
Net weight	38Kg
Dimensions	455mm×391mm×730mm

Biolab Scientific Ltd.
3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com