BioLAB

PRODUCT CATALOG

KJELDAHL ANALYZER BGF1C1 (BKJS-202)

CE ISO9001 CERTIFIED

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KJELDAHL ANALYZER BGF1C1

AUTOMATIC KJELDAHL NITROGEN PROTEIN ANALYZER

Automatic Kjeldahl Nitrogen Protein Analyzer is an automatic device integrating distillation and titration system and it is designed based on classic Kjeldahl nitrogen determination method. It's equipped with the latest core control system, powerful automation and high-quality components; can easily achieve automatic waste discharge and cleaning of digestion tubes and titration cups, control steam supply and real-time detection of condensation temperature. High-accuracy charging pump and titration system ensure test results accuracy, and multiple fluid level detection gives a smooth test process.

Automatic distillation, titration, calculation, printing, drain and cleaning function, safety and saving-time.
Visible titration cup design gives operator real-time control of the whole test process.
Steam flow is controllable, satisfying different test requirements.
Regent barrel enjoys fluid absence warning function, ensuring smooth test going.
High-precision charging pump and titration system ensure test results accuracy.
The large LCD touch screen gives visual operation and abundant information, enabling the user to have a good command of it.
USB or RS485 interface is optional for PC connection. Distilled liquid temperature is detected real time. Emergency stop against temp anomaly.
Double distillation model meets different experiments, to retard the speed of ac

SPECIFICATIONS

Model	BGF1C1
Old Model	BKJS-202
Measuring range	0.1 mg ~ 240 mg N
Analysis time	3 ~ 8 min/sample
RSD	≤ 0.5%
Recovery	≥ 99.5%
Burette precision	1.0 μL/step
Sample capacity	solid ≤ 5 g/sample, liquid ≤ 20 mL/sample
Water consumption in the distillation process	1.5 L/min
Data storage capacity	1800 groups
Power supply	220 VAC ±10%, 50/60 Hz
Power	2000 W
Net weight	38 kg
Dimensions	455 mm x 391 mm x 730 mm
Alt Name	Automatic Kjeldahl Nitrogen Protein Analyzer

FEATURES

Automatic distillation, titration, calculation, printing, drain and cleaning function, safety and saving-time.
Visible titration cup design gives operator real-time control of the whole test process.
Steam flow is controllable, satisfying different test requirements.
Regent barrel enjoys fluid absence warning function, ensuring smooth test going.
High-precision charging pump and titration system ensure test results accuracy.
The large LCD touch screen gives visual operation and abundant information, enabling the user to have a good command of it.
USB or RS485 interface is optional for PC connection. Distilled liquid temperature is detected real time. Emergency stop against temp anomaly.
Double distillation model meets different experiments, to retard the speed of acid-base reaction.
Digestion tube fast drain function is used to avoid operator touch distilled hot reagents,
protecting operators.
Printer is built in.

Complete microcomputer control: Automatic completion of distillation, titration, calculation,
printing, waste discharge and multiple protections,i.e.failure self-detection,hints of condensed water shortage, displacement of safety door and digestion tube and so on.
Large LCD Touch Screen Panel:5.6 inch LCD touch screen panel gives visual operation
and abundant information,enabling users to have a good command of it.
Complete compatible design
Compatible with congeneric products perfectly
Compatible with ϕ42mm digestion tube
Titration while distillation, enhances the efficiency rapidly.
User friendly design, color touch screen, easy for operating
Faster ARM system, faster operating rate.

APPLICATIONS

Food

Tobacco

Feed

Environment

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