



KJELDAHL ANALYZER BGF1D1 (BKJS-203)

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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 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 cleaning ensures operator safety and saves time.

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

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

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

Easy Maintenance: Pre-install functions of cleaning, include receiving cup cleaning, alkali pipeline cleaning, boric acid pipeline cleaning, acid washing, steam bottle evacuation.

Support customers make routine maintenance easy.

High titration accuracy, up to 2.0 μ L/step.

SPECIFICATIONS

Model	BGF1D1
Old Model	BKJS-203
Measuring range	0.1 mg ~ 240 mg N
Analysis time	5 ~ 10 min/sample
RSD	$\leq 0.5\%$
Recovery	$\geq 99.5\%$
Burette precision	2.0 μ L/step
Sample capacity	solid ≤ 5 g/sample, liquid ≤ 20 mL/sample
Water consumption in the distillation process	1.5 L/min
Data storage capacity	1000 groups
Power supply	220 VAC $\pm 10\%$, 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

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Integrated printer on the instruments.

APPLICATIONS



Food



Tobacco



Feed



Environment



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com