

KJELDAHL ANALYZER KJS13-240



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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.

KJS13-240 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 dosing and working: adopt 4 KNF pumps work for dosing, measurement liquid volume.

Integrated printer on the instruments.

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



SPECIFICATIONS

Model	KJS13-240
Measuring range	0.1mg ~ 240mg N
Analysis time	5 ~ 10min/sample
Reproducibility	Average value relative error $\leq \pm 0.5\%$
Recovery	$\geq 99.5\%$
Burette accuracy	2.0 μ L/step
Sample capacity	solid ≤ 5 g/sample, liquid ≤ 20 mL/sample
Water consumption in the distillation process	1.5L/min
Data storage capacity	1000 groups
Power supply	220VAC $\pm 10\%$, 50Hz
Power	2Kw
Net weight	38Kg
Dimensions	455mm \times 391mm \times 730mm



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