

# KJELDAHL ANALYZER

## KJS11-240



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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 Protein Analyzer, Automatic Kjeldahl Nitrogen Analyzer, Automatic Kjeldahl Analyzer.

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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 1 $\mu$ L/Step.



## SPECIFICATIONS

Model	KJS11-240
Measuring range	0.1mg ~240mg N
Analysis time	3~8min/sample
Reproducibility	Average value relative error $\pm 0.5\%$
Recovery	$\geq 99.5\%$
Burette accuracy	1.0 $\mu$ L/step optional:0.2 $\mu$ L/step and 0.4 $\mu$ L/step
Sample capacity	solid $\leq 5$ g/sample, liquid $\leq 20$ mL/sample
Water consumption in the distillation process	0.5L/min
Data storage capacity	1 million groups
Power supply	220VAC $\pm 10\%$ , 50Hz
Power	2KW
Net weight	38Kg
Dimensions	460mm $\times$ 360mm $\times$ 725mm





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