



Fully-automatic Kjeldahl Analyzer LD-LKA-C12

Labodam Equipment Ltd.

info@labodam.com | www.labodam.com

Fully-automatic Kjeldahl Analyzer LD-LKA-C12

Overview

Fully automatic kjeldahl analyzer LD-LKA-C12 is adopted with distillation, titration, calculation, printing, waste disposal and fault analysis functions, offers measuring range of 0.1 to 240 mg N with 3 to 8 min/sample of analysis time. Auto sampler for 24 positions can be connected to make the whole process simple and efficient. Integrated with features like authorization management, account management, experiment data traceable password aging, editing protection and so on. With 0.2 µl/step, 0.4 µl/step and 1.0 µl/step high burette accuracy, 5g of solid sample and 20 ml of liquid sample capacity.

Features:

- Adopts side distillation titration and variable speed titration method, reducing the process time
- 10" HD color touch screen display, with android operating system
- Integrated with batch testing function
- Real time temperature monitoring, accurate and reliable operation
- Ensures test results accuracy with smooth test process
- 500 experimental analyses with ultra-large solvent tank capacity
- 24 position auto-sampler can be connected directly with the analyzer making entire system more efficient

Applications:

Fully-automatic Kjeldahl Analyzer is used for determination of ammonia nitrogen, protein determination, nitrogen content, nitric nitrogen, phenols, volatile acids, cyanides, alcohol content etc. across food processing, feed production, tobacco, animal husbandry, soil fertility, environmental monitoring, medicine, agriculture, scientific research, teaching, quality supervision etc.

Specifications:

Power	2 kW																
Sample	Solid ? 5 g/sample, Liquid ? 20 mL/sample																
Weight	38 kg																
Auto-sampler	<table><tr><td>Capacity</td><td>24 Samples</td></tr><tr><td>Rotor Speed</td><td>? 0.04 r/s</td></tr><tr><td>Sampling Speed</td><td>? 40 mm/s</td></tr><tr><td>Tank Capacity</td><td>4 x 15 L</td></tr><tr><td>Interface</td><td>CAN</td></tr><tr><td>Power Supply</td><td>24 V DC</td></tr><tr><td>Rated Power</td><td>40 W</td></tr><tr><td>Dimension</td><td>920</td></tr></table>	Capacity	24 Samples	Rotor Speed	? 0.04 r/s	Sampling Speed	? 40 mm/s	Tank Capacity	4 x 15 L	Interface	CAN	Power Supply	24 V DC	Rated Power	40 W	Dimension	920
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	x 625 x 908 mm
	Weight
	80 kg
Power supply	220 V AC $\pm$ 10%, 50 Hz
Analysis time	3 to 8 min/sample
Recovery rate	? 99.5%
Reproducibility	? 0.5%
Burette precision	0.2 μ l/step, 0.4 μ l/step and 1.0 μ l/step optional
Measurement range	0.1 to 240 mg N
Dimension (W×D×H)	460 x 360 x 725 mm
Data storage capacity	1 million groups
Condensate water consumption	0.5 l/min