

K1301 Semi-Automated Kjeldahl Nitrogen Analyzer

K1301 — Semi-Automated Kjeldahl Nitrogen & Protein Analyzer

Overview

This Kjeldahl analyzer is designed by a professional team with years of R&D experience of high-level Kjeldahl analyzer, and is with the advantages of science, simplicity, high stability and super-high cost performance.

Features

- The amount of alkaline liquor is controlled by button and added quantitatively.
- Distillation is controlled by button.
- Steam flow, liquid level of the steam generator, and the circulating cooling water are all controlled automatically.
- Reagent adding to the sample and distillation could be handled by two buttons.
- Water saving design: It is guaranteed that the circulating water flow-limiting valve open only during the distillation, water-saving and free from worry. automatically control circulating water flow, free from manual operation.
- The panel is with the material of ABS engineering plastic, which is waterproof, electricity-proof and corrosion-proof.

Specifications

Analysis time	5–7 min
Distillation capacity	~40 ml/min
Measuring range	0.1–240 mg N
Sample size	≤6 g (solid) / ≤25 ml (liquid)
Reproducibility	1% RSD
Recovery	≥99%
Water consumption (during distillation only)	1 L/min (15 °C), 2 L/min (30 °C)
Dimensions (W×D×H)	420×365×720 mm
Net weight	18 kg
Power supply	AC 220 V ±10%, 50 Hz
Power consumption	1800 W

Compiled from the manufacturer's datasheet — request the full specification sheet for this model.

Applicable standards

GB/T22923-2008 · JJF 109-2012 · EN ISO 5983-2 · AOAC 2001:11 · ISO 20483 · ISO 8968-2 · IDF/FIL 20-2 · ISO 8968-3 · IDF/FIL 20-3 · ISO 8968-4 · IDF/FIL 20-4 · ISO 937 · AOAC 981.10 · ISO 1871 · ISO 3332 · ISO 3188 · ISO 5663/DIN 38409H11 · EN ISO 5664 · ISO 1656

Application fields

Food & feed, dairy, soil & agriculture, fertilizer, environmental monitoring and the chemical industry — any method built on Kjeldahl nitrogen / protein determination, across research, teaching and quality-supervision laboratories.

Specifications as published at www.sino-sonnen.com. Final configuration is confirmed per order — request a quotation: info@sino-sonnen.com · R&D: Jiading District, Shanghai · Manufacturing: Luoyang, Henan, China