

K1301 Kjeldahl Distillation Unit



Features:

1. The amount of alkaline liquor is controlled by button and added quantitatively.
2. Distillation is controlled by button.
3. Steam flow, liquid level of the steam generator, and the circulating cooling water are all controlled automatically.
4. Reagent adding to the sample and distillation could be handled by two buttons.
5. 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.
6. The panel is with the material of ABS engineering plastic, which is waterproof, electricity-proof and corrosion-proof.

Application Standard:

- EN ISO 5983-2 (AOAC 2001:11) which applies to Protein/Nitrogen in Animal Feeds, Cereals, Forages, Oil seeds, Pet Foods and Fish Meal
- ISO 20483 determination of the nitrogen content of cereals, pulses and derived products
- ISO 8968-2 (IDF/FIL 20-2) determination of the nitrogen content of liquid milk, whole or skimmed, by the block-digestion principle
- ISO 8968-3 (IDF/FIL 20-3) determination of the nitrogen content of liquid, whole or skimmed milk, semi-micro method
- ISO 8968-4 (IDF/FIL 20-4) determination of the non-protein nitrogen content of liquid milk, whole or skimmed.
- ISO 937 (AOAC 981.10) Meat and meat products - Determination of nitrogen content (Reference method)
- ISO 1871 Nitrogen content of Agricultural food products
- ISO 3332 Ammonium sulphate for industrial use
- ISO 3188 Starches & derived products
- ISO 5663/DIN 38409H11 Water quality, Kjeldahl Nitrogen
- ISO 5664 Water quality, ammonium
- ISO 1656 (1996E) Rubbers Rubber, raw natural and rubber latex, natural - Determination nitrogen content

K1301 Technical Parameter:

Analysis time	5 ~ 7 min
Distillation Capacity	~ 40ml/min
Measuring Range	0.1 ~ 240mg N
Sample Size	≤6g (solid sample) ≤25ml (liquid sample)
Reproducibility	1% RSD
Recovery	≥99%
Water Consumption	1L/min (15°C) 2L/min (30°C)
Dimension (WxDxH)	420x365x720 mm
Net Weight	18 kg
Power Supply	AC 220V ±10% 50HZ
Power Consumption	1800 W