

KDN200

Automatic Kjeldahl Nitrogen Analyzer

v24.4.20

The Kjeldahl method is a classic technique for determining nitrogen.

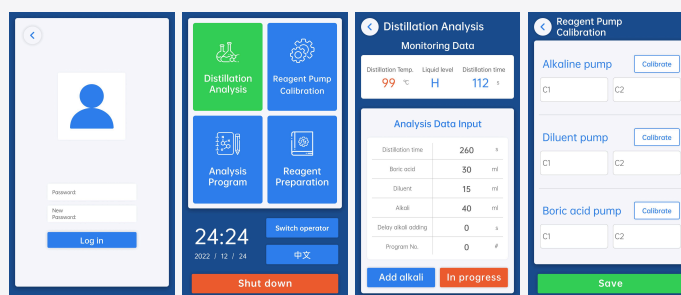
It is widely used for the measurement of nitrogen in soil, food, livestock, agricultural products, feed, and other nitrogen-containing compounds. The process for sample analysis using this method involves three main steps: sample digestion, distillation and separation, and titration analysis.

Our company is one of the creators of the national standard GB/T 33862-2017 for "Fully (Semi) Automated Kjeldahl Nitrogen Analyzer." Therefore, the Kjeldahl analyzer series products we develop and manufacture comply with both the GB standard and relevant international standards.



Intuitive User Interface

4-inch color touchscreen, easy human-machine dialogue operation, user-friendly



Intelligent Analysis Mode

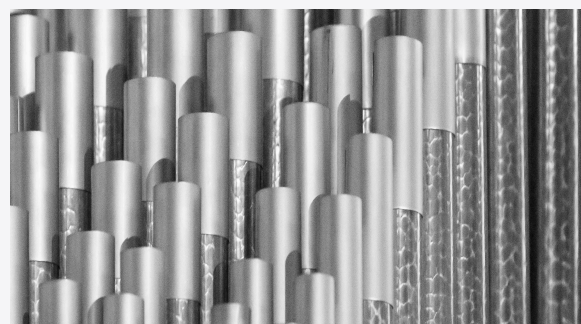
One-click completion of boric acid addition, dilution liquid addition, alkali addition, automatic temperature control, automatic distillation and separation of samples, automatic recovery of samples, automatic stop at the end of separation



High-quality manufacturing materials

Metal material (304 stainless steel) steam pot with stable performance, reliability, and strong pressure resistance.

Polymer material sodium and calcium glass ammonia separator suitable for alkaline working conditions



Product Features

The system automatically shuts down after 60 minutes of no operation, saving energy, ensuring safety, and providing peace of mind.

The safety door ensures the safety of the operator.

The steam system has a low water alarm to prevent accidents by stopping the machine.

The steam boiler has an over-temperature alarm to prevent accidents by stopping the machine.

Technical Specification

Analysis range: 0.1—240 mg N

Precision (RSD): $\leq 0.5\%$

Recovery rate: 99-101% ($\pm 1\%$)

Distillation time: Adjustable from 0 to 9990 seconds

Sample analysis time: 3-5 min (Cooling water temperature 18°C)

Touchscreen: 4-inch color LCD touchscreen

Auto shut-off time: 60 minutes

Operating voltage: AC220V/50Hz

Heating power: 2000W

Dimensions: 350*460*710mm

Net weight: 23Kg

Product Packing List

Main Unit 1

Reagent Bucket 3

Waste Liquid Collection Bucket 1

Power Cable 1

Reagent Tubing 4

Cooling Water Hose 2