

Full automatic Kjeldahl Distillation Analyzer

Model: ZDDN-III-A

This Kjeldahl Distillation analyzer is based on the classical methods "color method". It is an auto analyzer which with characters including auto reagent addition, auto distillation and separation of sample, auto titration and result printing, and consistent with national and international standards and methods of Kjeldahl nitrogen.

● Characteristics

- ▲ Reagent addition, distillation, sample separation, titration analysis and calculation, record (data) storage, waste discharge, all above-mentioned programs can be accomplished by simply click with one button.
- ▲ 7-inch color touch screen, English Human-machine operating system, interactive mode of operation.
- ▲ Germany anti-corrosion measuring pump for liquid feeding.
- ▲ High accuracy titration system, 1.0UI / step.
- ▲ Intelligent cooling water control system to real-time monitor the temperature, press and flow of cooling water
- ▲ Adopts solid state relay (SSR) as the heater's switching component
- ▲ Self-cleaning titration cup system.
- ▲ With Comprehensive security protection system: leakage protection, indirect alkali addition, over temperature and pressure protection of steam system, water supply subsystem of steam cylinder, pre-watering etc.



● Specifications

Name of Item	ZDDN-III-A
Range of Analysis	0.1—200 mg N
Repeatability (RSD)	≤1% (30mgN,0.1mol/L H+)
Titration accuracy	1.0μL / Step
Ratio of Recovery	≥99.5%
The sample analysis time (cooling water temp. 18 °C)	4-6min
Mode of Operation	Auto
Calibration Mode of Titrate Concentration	Manual Input
Display of Titration Curves	Yes
Temperature Sensor	Yes
Working Voltage	AC220V/50Hz
Heating Power	1600W
Weight of Sample	Solid Sample ≤6g; Liquid Sample ≤20ml