



B.N.C.TOOLING Co.,Ltd.

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NKD6200 Series

Kjeldahl Analyzer Fully-Automatic



Key Features

1. Potentiometric Fully-Automatic Kjeldahl Analyzer;
2. Equipped with a mini-printer;
3. A high-precision micro-metering pump replaces the traditional syringe plunger pump.

Product Description

NKD6200 Series Potentiometric Fully-Automatic Kjeldahl Analyzer

Product Feature:

1. the potentiometric blank test and end-point determination method abandons the traditional method of rating electrode slope by making use of PH buffer solution, which simplifies the operation procedure, reduces certain maintenance work and ensures accurate results.
2. titration and distillation are conducted at the same time and the ammonia gas released is neutralized, avoid the overflow of ammonia gas and enhance the test efficiency.
3. a high-precision micro-metering pump replaces the traditional syringe plunger pump, remarkably improving precision and reducing cleaning work.
4. the humanized pick & place setting of digestion duct makes it convenient for users to operate.
5. diaphragm pump is used to add reagent to avoid injure which can be caused by high-pressure pump.
6. a 8.0-inch LCD touch screen is intended to set distillation time, the amount of diluent, acid liquor and alkali. Such a human-computer interaction interface is easy to operate
7. real-time display of titration curve, alerting users to the working condition at any time.
8. ARM processor is adopted with built-in flash chip, which is equipped with a file system, enabling users to create or delete folders or files and store 1000 routine data..
9. it is equipped with a mini-printer so that users can print experimental data according to their need



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NKD6200 Series

Kjeldahl Analyzer Fully-Automatic

Technical Index:

Product Model	NKD6280	NKD6260/NKD6260T
Measurement Range	0.1-240mgN	0.1-200mgN
Function	1. Automatic Test Module of Conventional Nitrogen 2. Automatic Test Module of Conventional Nitrogen and Nitrate Nitrogen 3. Automatic Test Module of Conventional Nitrogen, Nitrate Nitrogen and High Nitrogen	Automatic Test Module of Conventional Nitrogen
Distillation Time	3-8min	3-8min
Recovery Rate(%)	≥99.5	≥99.5
Sample	solid≤5g liquid≤25ml	solid≤5g liquid≤25ml
Condensate Water Consumption	≥1.5L/min	≥1.5L/min
Distillation Power	375W-1500W	375W-1500W
Titration Precision	0.0125	0.2
Repeatability	RSD≤0.3%	RSD≤0.5%
Stored Record	30000	10000
Automatic Design	Automatic sample dilution, addition of acid and alkali, distillation, titration, reaction cup emptying and cleaning; auto correction, calculation and printing. Several conventional methods are equipped	Automatic sample dilution, addition of acid and alkali, distillation, titration, reaction cup emptying and cleaning; auto correction, calculation and printing. Several conventional methods are equipped
Communication Mode	Network Interface RS232 interface/usb interface	Network Interface RS232 interface/usb interface
Safety Protection Function	1. Level Alarm System 2. Alarm system monitoring the temperature of vapor generator 3. Flow sensor monitors the whole process with the flow velocity be adjusted freely 4. Temperature measurement of distillate 5. Acid and alkali resistant polymer composite materials used for the cabinet	1. Level Alarm System 2. Alarm system monitoring the temperature of vapor generator 3. Flow sensor monitors the whole process with the flow velocity be adjusted freely 4. Temperature measurement of distillate 5. Acid and alkali resistant polymer composite materials used for the cabinet

Product Model	NKD6280	NKD6260/NKD6260T
Result Determination	Determined by the potential value	Determined by the potential value
Electrode	Imported PH electrode	Imported PH electrode
Display Mode	8.0-inch LCD touch screen for operation	8.0-inch LCD touch screen for operation
Titration Driving Mode	Imported high-precision micro-metering pump	Imported high-precision micro-metering pump
Way of Distillation	Distillation and titration are carried out simultaneously	Distillation and titration are carried out simultaneously
Steam Flow	adjustable	adjustable
Operating Ambient		
Temperature	10°C - 35°C	10°C - 35°C
Water-cooling Device	Circulatory condensate system	/
Language	Chinese	Chinese
Power	AC220V AC±10% 50Hz	AC220V AC±10% 50Hz
Rated Power	1500W	1500W
External Dimension	360x460x680	360x460x680
Weight	About 20kg	About 20kg