

## Fully Automatic Kjeldahl Nitrogen Analyzer

### Features:

- \* Large LCD touch screen.
- \* The control system has high precision and good stability.
- \* Choose R, G, B three-color light source and three-color sensor, with a wide range of color adaptation and high precision.
- \* 99 groups of user-defined programs.
- \* 304 stainless steel material.
- \* Multi-protection function, such as safety door, overpressure protection, water shortage protection, etc.

### Additional Features of BKN-987A:

- \* It could show the titration curve.
- \* One key to wash the alkali liquor pipes.
- \* Automatically discharge the waste in the digestive tubes.



BKN-987/987A

### Technical Parameters:

Model	BKN-987	BKN-987A
Working Process	Adding quantitative sample dilution, alkali liquor and absorption liquid; Automatically finishing distillation, titration, print and liquid-discharging.	
Measurement Range	0.1~240mgN	0.1~210mgN
Sample Amount	Solid<6g; liquid<16ml	
Measurement Time	4-6min/(cooling water temperature 18°C)	
Requirement of Cooling Water	<18°C	
Cooling Water Consumption	1.5L/min	
Titration Solution Concentration	0.01~5 mol/L	
Titration System	High-precision plunger type titration system	
Repeatability	±0.5%	
Recovery Ratio	≥99.5%	
Data Storage	100,000 groups	
Consumption	2000W	
Power Supply	AC220V, 50/60Hz	
Interface	RS 232	
Standard Accessories	Printer, 10L reagent barrel*3, 20L waste liquid bucket*1, 1L reagent bottle*1	Printer, 10L reagent barrel*3, 20L waste liquid bucket*1, 1L reagent bottle*1, Refrigeration cycle system*1, 250g catalyst sheet*1 bottle
Packing Size(W*D*H)	1000*600*960mm	Main body: 1000*600*960mm; Accessories: 710*430*600mm
Gross Weight	57kg	Main body: 59kg; Accessories:38kg

## Kjeldahl Digestion Furnace



### Features:

- \* This product adopts PID intelligent temperature control technology, which has good temperature uniformity and strong sample digestion consistency.
- \* Adopting aviation industry coating technology, beautiful and durable.
- \* LED display, with timing shutdown, alarm and other functions.
- \* Stainless steel material has certain anti-corrosion ability.

### Technical Parameters:

Model	BKD-8B
Temp. Range	RT~400°C
Temp. Precision	±1°C
Heating Pipe	Aluminium alloy pipe(Nichrome wire)
Heating Speed	8~15°C/min
Heating Holes	8
Aperture	Φ43.5mm
Digestion Tube Size	300ml±0.25ml
Consumption	2.2KW
Power Supply	AC220V, 50/60Hz
Package Size(W*D*H)	610*610*630mm
Gross Weight	29kg