

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	4~8min/(cooling water temperature 18℃)	
Requirement of Cooling Water	<18℃	
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	99~101%	
Data Storage	1,000,000 groups	
Consumption	2000W	
Power Supply	AC220V, 50/60Hz	
Interface	RS 232	
Standard Accessories	Printer, 10L distilled water tank*1, 5L boric acid tank*1, 5L alkali solution tank*1, 20L waste liquid bucket*1, 1L titration solution bottle*1	Printer, 10L distilled water tank*1, 5L boric acid tank*1, 5L alkali solution tank*1, 20L waste liquid bucket*1, 1L titration solution bottle*1, Refrigeration cycle system*1
Packing Size(W*D*H)	960*600*1000mm	Main body: 960*600*1000mm Accessories: 700*440*610mm
Gross Weight	53kg	Main body: 55kg; Accessories: 30kg

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~450℃
Temp. Precision	±1℃
Heating Pipe	Aluminium alloy pipe(Nichrome wire)
Heating Speed	8~15℃/min
Heating Holes	8
Aperture	Φ43.5mm
Digestion Tube Size	300ml±0.25ml
Consumption	2.1KW
Power Supply	AC220V, 50/60Hz
Package Size(W*D*H)	620*420*490mm
Gross Weight	23kg