

## Kjeldahl Apparatus

### Semi Automatic Kjeldahl Nitrogen Analyzer (Kjeldahl Distiller)

#### Features for BKN-984:

- \* 4.3 inch LCD display.
- \* Manual/automatic mode can be switched freely.
- \* Automatic accurate distribute alkali and boric acid solution.
- \* Automatic fault detection function, audio and visual alarm system.
- \* Multi-protection function, such as safety door, tube position protection, cooling water testing protection, etc.



BKN-984

### Fully Automatic Kjeldahl Nitrogen Analyzer

#### Features for BKN-110F and BKN-986:

- \* Large LCD touch screen.
- \* Colorimetric titration device.
- \* Automatic distillation, titration, calculation, printing, drain and cleaning function.
- \* Dual distillation mode, can adjust the sequence of solution adding(Only for BKN-110F).
- \* Standard built-in printer, optional CAN and RS-485 interface for BKN-110F Model.



BKN-110F/BKN-986

#### Technical Parameters:

Model	BKN-984	BKN-110F	BKN-986
Water Consumption	1.5L/Min		
Ambient Temperature	5 ~40°C		
Ambient Humidity	80%		
Measure Range	0.1mg~240mg		
Analysis Time	3~6min (Distillation)	5~10min	
Recovery Ratio	≥99.5%		
Sample Amount	Solid ≤6g; Liquid ≤16ml		
Burette Accuracy	/	1.0μL/step	2μL/step
Reproducibility	±0.5%		
Consumption	1300W	2000W	
Power Supply	AC110/220V±10%, 50/60Hz		
Packing Size (W*D*H)	710*580*950mm	Main body: 650*580*960mm Accessories: 610*610*360mm	Main body: 650*590*960mm Accessories: 610*610*380mm
Gross Weight	60Kg	Main body:66.5kg, Accessories:13.5kg	Main body:64.5kg, Accessories:13.5kg

Functions List	BKN-984	BKN-110F	BKN-986
Variable Steam Generator	•	•	•
Cooling Water Pressure Monitor	•	•	•
Cooling Water Temperature Monitor	•	•	•
Automatic Alkali Solution Adding	•	•	•
Automatic Dilute Water	•	•	•
Auto Receiver Solution Adding	•	•	•
Tube Emptying		•	
Removable Drain Tray	•	•	•
Safety Door	•	•	•
Tube on Position Sensor	•	•	
Tube Replacement Sensor	•	•	
Colorimetric Titration Device		•	•
Results Calculation		•	•
Result and Data Storing		•	•
Built-in Printer		•	•
Trouble Shooting Self-detecting Functions	•	•	•
Titration While Distillation		•	

### Kjeldahl Digestion Furnace



#### Technical Parameters:

Model	BKD-20F
Temp.Range	RT+5~450°C
Temp.Accuracy	±1°C
Heating Method	Infrared heating and high-purity graphite conduction
Heating Insulation Method	Ceramic fiber and unique air duct insulation
Digestion Tube Capacity	300ml
Capacity/Batch	20 pcs/batch
Consumption	3600W
Power Supply	AC110/220V±10%, 50/60Hz
Packing Size(W*D*H)	660*570*480mm
Gross Weight	34kg