

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



### Features:

- \* 4-inch color touch screen, man-machine dialogue is easy to operate and easy to learn.
- \* Complete the whole experimental process with one key (adding boric acid, adding diluents, adding alkali, automatic distillation, sample recovery, automatic stop sample separation and recovery).
- \* 304 stainless steel steam pot has stable performance, reliable and strong pressure resistance.
- \* High polymer material ammonia separator can meet the application of alkaline conditions.
- \* The system automatically shuts down after 60 minutes of unmanned operation, energy saving, safety and rest assured.
- \* Safety door to ensure the safety of operators.
- \* Steam system water shortage alarm prompts, shutdown to prevent accidents.
- \* Steam pot over temperature alarm, stop to prevent accidents.

### Technical Parameters:

Model	BKN-200
Measure Range	0.1mg~240mg N
Reproducibility	±0.5%
Recovery Ratio	99~101% (±1%)
Analysis Time	3~5min/sample (Cooling water temperature is 18°C)
Distillation Time	0~9990s, adjustable
Sample Amount	Solid ≤6g; Liquid ≤16ml
Display	4-inch color touch screen
Automatic Shutdown Time	60 minutes
Water Consumption	1.2~3L/min
Consumption	2000W
Power Supply	AC220 V ±10%, 50/60Hz
Standard Accessories	Reagent buckets*3, Waste bucke*1, Reagent pipelines*4; Cooling water pipes*2
External size(W*D*H)	360*550*700mm
Gross Weight	23Kg
Packing size(W*D*H)	Main body: 670*580*870mm Accessories: 600*400*470mm
Gross Weight	Main body: 26kg Accessories: 6kg



BKN-983

### Features:

- \* 7 inch LCD display.
- \* Manual/automatic mode can be switched freely.
- \* The control system has high precision and good stability.
- \* 99 groups of user-defined programs.
- \* Automatic control of adding alkali and boric acid solution, silution and elution.
- \* Multi-protection function, such as safety door, overpressureprotection, watershortageprotection, etc.

### Technical Parameters:

Model	BKN-983
Measure Range	0.1~240mgN
Recovery Ratio	≥99.5%
Reproducibility	±0.5%
Data Storage	100,000 groups
Sample Amount	Solid<6g; Liquid<16ml
Distillation Speed	3~4min/sample
DistillationTime	0~999s
Cooling Water Consumption	15L/min
Requirement of Cooling Water	<18°C
Consumption	2000W
Power Supply	AC220V,50/60Hz
Interface	RS 232
Standard Accessories	10L reagent barrel*3, 20L waste liquid bucket*1
PackingSize(W*D*H)	1000*600*960mm
GrossWeight	54kg