

## Fully-automatic Kjeldahl Nitrogen Analyzer



### Applications:

Widely used in food processing, feed production, tobacco, animal husbandry, soil fertilizer, environmental monitoring, medicine, agriculture, scientific research, teaching, quality supervision and other fields, nitrogen or protein content determination; It can also be used for the detection of ammonium salt, volatile fatty acid/alkali, soil cation exchange capacity, etc.

### Features:

- \* Automatically add dilution water, add alkali, add receiver solution, distillation, titration, calculation, printing, automatic emptying function of digestion tube and receiving cup, steam flow adjustment, fault self-checking and other functions.
- \* New Android operating system, with 7-inch high-definition color touch screen, real-time control of the experiment process.
- \* External titration cup design, the operator can control the experimental process in real time.
- \* Steam flow can be adjusted within the range of 0~100%.
- \* With user authority classification function, operation log query, data traceability management can be realized.
- \* The instrument has a built-in 8G storage space and a variety of built-in application solutions.
- \* Quick emptying function of digestive tube, avoiding experimenters from contacting distillation high-temperature waste liquid.
- \* High-precision dosing pump and titration system ensure the accuracy of experimental results.
- \* Titration process image curve display, online monitoring of the whole experimental process, real-time monitoring.

### Technical Parameters:

Model	AKN-10S
Measuring Range	0.1mg-240mg N
Recovery Rate	≥99.5%
Sample Amount	Solids≤6g; Liquids≤25mL
Distillation Speed	3-8min/sample
Distillation Time	0-99min
Repeatability	≤0.5%
Titration Precision	1.0ul/step
Storage Data	1 million groups
Reagents Bottle Liquid Level Detection	Yes
Protection Device	Flow rate detection, liquid level alarm, over temperature and over pressure protection
Display	7 inches LCD display
Rated Power	12KW
Power Supply	Standard: 220V 50/60Hz, optional: 110V 50/60Hz
External Size	490*380*725mm
Net Weight	38kg
Packing Size	630*560*975mm; 400*400*350mm
Gross Weight	49kg; 4kg

ДиазМ, Москва ■ ул. Магаданская, д. 7, к. 3 ■ тел./факс: 8 (800) 234-0508 ■ sales@dia-m.ru

мобильное приложение



www.dia-m.ru

С.-Петербург  
spb@dia-m.ru

Новосибирск  
nsk@dia-m.ru

Воронеж  
vrm@dia-m.ru

Йошкар-Ола  
nba@dia-m.ru

Красноярск  
krsk@dia-m.ru

Казань  
kazan@dia-m.ru

Ростов-на-Дону  
rnd@dia-m.ru

Екатеринбург  
ekb@dia-m.ru

Кемерово  
kemerovo@dia-m.ru

Нижний Новгород  
nnovgorod@dia-m.ru