

K9860 Automatic Kjeldahl Nitrogen Protein Analyzer

K119860 Automatic Kjeldahl Nitrogen Protein Analyzer is an automatic device integrating distillation and titration system and it is designed based on classic Kjeldahl nitrogen determination method. It's equipped with the latest core control system, powerful automation and high-quality components; can easily achieve automatic cleaning of digestion tubes and titration cups, control steam supply and real-time detection of condensation temperature. High-accuracy charging pump and titration system ensure test results accuracy, and multiple fluid level detection gives smooth test process.

Characteristics

- Automatic cleaning ensure operator safety and save time.
- External titration cup design gives operator real-time control of the whole test process.
- High-precision charging pump and titration ensure test results accuracy.
- The temperature of distilled liquid is detected real time. If the temperature of distilled liquid is abnormal, to ensure the accuracy of experiment's result, instrument will stop working.



Features

- Easy Maintenance: Pre-install functions of cleaning, include receiving cup cleaning, alkali pipeline cleaning, boric acid pipeline cleaning, acid washing, steam bottle evacuation. support customer make the routine maintenance easily.
- High titration accuracy, up to 2.0μL/step.
- Integrated printer on the instruments



Technical data

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| Measuring range | 0.1mg ~ 240mg N |
| Analysis time | 5 ~ 10min/sample |
| RSD | ≤5% |
| Recovery | ≥99.5% |
| Burette volume | 2.0μL/step |
| Sample capacity | solid ≤5g/sample, liquid ≤20mL/sample |
| Water consumption in the distillation process | 1.5L/min |
| Data storage capacity | 1000 groups |
| Power supply | 220VAC±10%, 50Hz |
| Power | 2Kw |
| Net weight | 38Kg |
| Dimensions | 455mm×391mm×730mm |