



KJELFASTER-K500 Automatic Kjeldahl Analyzer

Download
Catalogue



4.3-inch color screen



**Pre-install function of
cleaning**



0,1 mg – 240 mg NH₄ (N)

KJELFASTER-K500 Automatic Kjeldahl Analyzer is an automatic device integrating distillation and titration functions, which is designed based on the classic Kjeldahl nitrogen determination method. It's equipped with the latest core control system, powerful automatic degree and high-quality components and it can easily achieve automatic cleaning of digestion tubes and titration cups, control steam supply, and have real-time detection of condensation temperature. High-accuracy charging pump and titration system ensure test results accuracy, and multiple fluid level detection gives a smooth test process.

The distillation and condensation automatic cleaning system further enhances measurement precision; explicit interface is easy for operation. It is widely used in food processing, feed production, tobacco, livestock, soil fertility, environmental monitoring, medicine, agriculture, scientific research, teaching, quality control and other fields for the test of nitrogen or protein content, can also be used for the test of ammonium.

- Display: 4.3-inch color screen.
- Automatic cleaning ensures operator safety and save time.
- External titration cup design gives the operator real-time control of the whole test process.
- High-precision charging pump and titration ensure test results accuracy.
- The temperature of the distilled liquid is detected real-time. If the temperature of the distilled liquid is abnormal, to ensure the accuracy of experiment's result, the instrument will stop working.
- High accuracy dosing and working.
- Easy Maintenance: Pre-install functions of cleaning, including receiving cup cleaning, alkali pipeline cleaning, boric acid pipeline cleaning, acid washing, steam bottle evacuation. Support customers make the routine maintenance easily.
- High titration accuracy, up to 2.0 μ L/step.
- Integrated printer on the instruments.

| Type | KJELFASTER-K500 |
|---|---------------------------------------|
| Measuring range | 0.1mg ~240mg NH4 (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 |
| Display modes | 4.3" LCD screen |
| Power supply | 220VAC±10%, 50Hz |
| Power | 2kW |
| Net weight | 30kg |
| Dimension | 400x381x700mm |

Please note

If this Distiller does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

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