

**Product Name :**  
Astra Automatic Kjeldahl Nitrogen Analyzer

**Product Code :**  
ASTRALAB-SUPPLYA2008



**Description :**

Astra Automatic Kjeldahl Nitrogen Analyzer

**Technical Specification :**

The automatic nitrogen analyzer is based on the classic Kjeldahl method, which is safe, fast, accurate, low consumption and user-friendly.

Multiple operation modes:

Automatic mode: Distillation and titration can be completed automatically without the need for personnel on duty, and protein analysis results can be automatically calculated.

Manual mode: Alkali, acid, distilled water and distillation can be operated separately or at the same time; automatic titration and manual titration can also be mixed. The difference is that the color recognized by the user can be set as the end point at will. On the basis of the traditional color determination sensor, the company's original color filtering technology is adopted, and the adjustable jitter judgment function makes the end point judgment of the color method accurate, and directly displays the color difference and curve, so that the user can see the determination process of the instrument. In addition, a flexible open titration debugging system is built-in, allowing users to easily set titration parameters.

The automatic nitrogen analyzer adopts the international standard Kjeldahl method: concentrated sulfuric acid digestion, alkaline environment steam distillation, boric acid absorption, and indicator titration endpoint color method

Automatic nitrogen analyzer working mode: manual and automatic integration, can be switched at any time

Automatic mode: add water, alkali, boric acid and distill. (Not including titration)

Manual mode: each step can be operated separately or simultaneously

Able to automatically fill lye and boric acid receiver liquid quantitatively

Automatic shutdown and alarm after distillation

Emergency stop function in emergency

Display mode: 7-inch LCD ultra-fine color widescreen display

Control panel: touch

With automatic fault detection and sound and light alarm functions

Anti-emergency situation: the test can be continued after the power failure, without affecting the test effect of the current sample, and avoiding the sample scrapping caused by the emergency situation

Splash-proof pipe material: It is formed by high-performance acid and alkali resistant plastic mold at one time, with good sealing performance, more alkali resistant than EMS glass, and long service life.

The receiving bottle automatically drops and flushes the receiving tube, which is more in line with the national standard operating requirements to ensure the accuracy of the test results

The special spray-plastic steel shell is beautiful and practical. The acid-base contact parts are made of mirror stainless steel, which is corrosion-resistant and durable

Small size, saving laboratory space

Control the amount and time of distillation. According to sample needs, up to 30 distillation programs can be edited, including self-protection programs



## Astra Scientific

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