



ATN-1100 Automatic Kjeldahl Nitrogen Analyzer

ATN-1100 automatic nitrogen analyzer is the company according to the international common Kjeldahl method designed a top automatic nitrogen analyzer (including automatic distillation and titration system), mainly used to detect food, food, milk Nitrogen, protein, ammonia, phenol, volatile fatty acids, cyanide, sulfur dioxide, ethanol and the like in products, beverages, feedstuffs, soils, water, drugs, sediments and chemicals. Detection methods in line with national standard, AOAC, EPA, DIN, ISO and so on.

◆ Features

- 1, automatic distillation, titration, calculation, printing, waste, cleaning system;
- 2, the titration system using the authority of the world approved the organization to determine the end of the color method, easy to maintain;
- 3, the use of large-screen color touch screen, friendly man-machine dialogue, the operation process is easy to understand;
- 4, can switch between automatic analysis and manual analysis of two modes of work to meet the various requirements of customers;
- 5, improve the security system: digestion tube absent tips, security gate absent tips, steam oven over-temperature protection;
- 6, high-precision imported liquid pump and titration system to ensure that the experimental results are accurate, stable and reliable performance.

◆ Technical Parameters

Determination of varieties	Food, food, dairy, beverages, feed, soil, water, drugs, sediments and chemicals
Measuring range	0.1mgN~240mgN
Determine the amount of sample	Solid ≤ 5g / unit Liquid ≤ 15ml / unit
Recovery	better than 99.5%
Repeatability	≤ ± 0.5%
Minimum titration volume	0.5ul / step;
Distillation rate	4 to 8 minutes / sample
Data storage	3000group
Cooling water consumption	1.5L / min
Cooling water requirements	≤ 20 °C
Power	220V 50Hz
Power	1800W
Dimensions	380 * 400 * 820mm
Weight	36kg

