

K9840 Auto Distiller is designed to determine nitrogen content of samples in the globally accepted Kjeldhal nitrogen determination method. Fully intelligent software is able to complete sample distillation within minutes, boasts automatic reagent quantification and filling, automatic test. 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, volatile fatty acid / alkali, and so on.

**Features:**

- Display: 5.1" LCD screen;
- Manual / automatic mode free changeover;
- Automatic alkali liquid quantification and filling;
- Automatic boric solution quantification and filling;
- Automatic or manual filling mode is optional according to test need;
- Distillation time can be set freely, and automatic alarming upon completion;
- Automatic cleaning of control system and distiller, ensuring high measurement accuracy;
- Perfect safety protection system give distiller and tubes measurement and protection against over-temperature and over-pressure;
- Intelligent design of nitrogen tube peripheral facilities include safety designs and displacement hint;
- Intelligent cooling water control system achieves cooling water control and test;
- Emergency stop operation is able with unexpected accidents;
- Automatic fault detection and intelligent audible and visual alarm system are available.



Technical Data	
Measuring range	0. 1~ 240mg N
Nitrogen recovery	≥99.5%
Sample weight	Solid ≤ 6g, liquid ≤ 16 mL
Distillation speed	< 5 min / sample
Distillation period	Can be set freely (within 1 hour )
Cooling water consumption	1.5L/min
Operating mode	Manual / automatic mode
Display modes	5.1" LCD screen
Power supply	220VAC ±10 %, 50 Hz
Power	1.3KW
Net weight	30Kg
Dimensions	400mm x 385mm x 735mm