# Auto Distiller

## K9840 Auto Distiller

Hanon K9840 Auto Distiller is designed to determine nitrogen content of samples in the globally accepted Kjeldahl nitrogen determination method. Fully intelligent software is able to complete sample distillation within minutes, boasts automatic regent 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.

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## Characteristics:

- Display: 5.1" LCD screen ;
- Manual/automatic mode fee 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 gives 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 to deal with unexpected accidents ;
- Automatic fault detection and intelligent audible and visual alarm system are available .

## Technical data:

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| Measuring range | 0.1-200mgN (mg N) |
| Nitrogen recovery | ≥99.5% |
| Repeat accuracy | ±0.5%(CV) |
| Sample weight | Solid<6g, liquid<16ml |
| Distillation speed | < 5min/sample |
| Distillation period | Can be set freely (within 1 hour) |
| Cooling water consumption | 1.5 L/min |
| Power supply | 220V, 50Hz |
| Max. power | 1300W |
| Volume | 400mm×361mm×746mm |

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