

Steam Distillation Unit (For Determination of Organic Nitrogen)

- Kjeldahl Method.
- Automatically determine the nitrogen level in samples.
- Easily perform the distillation of samples within a few minutes with the help of software.
- The preset amount of reagent can be added automatically and the distiller can be operated in unmanned manner.
- The automatic cleaning system of distillation and condensation make the measurement with high accuracy.
- Suitable to be used in the Nitrogen and protein analysis of crops, feed, food, water, soil, chemical industry, pharmacy and agriculture.

Features

- Adopting the automatic system for supplying alkali and accurate measuring system to realize the accurate control for supplying alkali.
- Fully automatic system for supplying boric acid in preset desired amount.
- The control system of distillation period, by which any length of distillation period can be set.
- The automatic clearing system, performing the clearing up of residual nitrogen on the distillatory and making the measurement with high accuracy.
- The perfect safety protection system, performing the overheating and overpressure measurement and protection to the distillatory and pipes.
- The smart zed design for the peripheral facilities around the nitrogen tube, including the safety protection design and warning function for Not-In-Place.
- The control system of cooling water, performing the control and examination on the water pressure.
- Function of emergency stop for any emergency.
- The smart zed design of malfunction auto-detecting and sound-light alarming system.
- Automatic control of the preset amount for supplying alkali, boric acid, and distilled water.



Specification of Steam Distillation Unit

Model	ST-KJ9840
Measuring Range	0.1 ~ 240mg Nitrogen
Nitrogen Recovery Rate	> 99.5%
Reproducibility Accuracy	0.5% (CV)
Measuring Weight	Solid sample - below 6g
	Liquid sample - below 16ml
Distillation Speed	Less than 5 minutes
Distillation Time	Free setting (within 1 hour)
Cooling Water Consumption	1.5L/ minute
Operating Mode	Auto/ Manual
Display	5.2 inch LCD screen
Voltage	220V 50Hz, 7.5A - 1600W
Dimension (W x D x H) mm	400 x 361 x 746