

Automatic Distillation Apparatus

LADA-A10



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Automatic Distillation Apparatus LADA-A10 is a benchtop unit which can automatically determine the distillation range of petroleum products. Test procedures like heating, distillation speed and recording the data are fully automated. Large LCD display and easy to handle operations makes it highly convenient to use. It complies with ASTM D86 and IP123 standards.

Features

- 10" LCD touch screen to view and pre-set several parameters
- Highly advance level tracking system with American Haydon high-stepping linear motor and
- Imported integral linear ball screw circumferential positioning laser tracker
- Imported Danfoss (Secop) Compressor
- Mechanically refrigerated cooling tube and cylinder room
- Automatic heating control (distillation process): up to 95% sample heating control with controlled flow rate of 4 to 5 ml/min
- Display shows initial and final boiling point temperature, various % temperature and flow rate
- Automatic correction of local atmospheric pressure to standard atmospheric pressure
- Test process is stopped by temperature of steam
- Results can be stored and printed

Applications

It is widely used to determine the distillation range of various petroleum products in laboratories, research institutes and industries.

Specifications

Model No.	LADA-A10
Heating power	2 kW
Cooling power	0.5 kW
Steam temperature	0 to 400°C
Oven temperature	0 to 500°C
Refrigeration temperature	0 to 60°C
Refrigeration accuracy	± 1°C
Temperature measurement accuracy	± 0.1°C
Volume accuracy	± 0.1 ml
Power	AC 220 V ± 10% 50 Hz