

Product Name :
Astra Scientific Distillation Range Apparatus

Product Code :
FuelTesting0025



Description :

Astra Scientific Distillation Range Apparatus

Technical Specification :

Standard: ASTM D86

Description: Automatic distillation range tester is used for determination of distillation range of petroleum products according to the test method , complying with ASTM D86 and IP123. This instrument will automatically control the heating process and distillation speed, as well as record and print all record data.

Feature:

(1) Automatically controlling of test process. 10" touch LCD for display of temperature, volume and curves during the whole process.

(2) Level tracking system consists of American Haydon high-stepping linear motor, imported integral linear ball screw circumferential positioning laser tracker. The cooling tube and cylinder room are refrigerated mechanically; imported Danfoss (Secop) compressor. Circulate in the cooling medium. Check and add cooling water every 2 years.

(3) Automatically heating control of distillation over, the sample can be heated to 95% of the flow rate from initial boiling point controlled within 4~5ml per minute.

(4) Provide initial boiling point and final boiling point temperature, and various percentage temperature and flow rate.

(5) Automatically measuring of local atmospheric pressure, and corrected to standard atmospheric pressure.

(6) Stopping of test by the steam temperature available.

(7) The test result can be stored, queried and printed.

Technical Parameters

1, Power: AC220V \pm 10% 50Hz

2, Heating power: 2KW

3, Cooling power: 0.5KW

4, Steam temperature: 0-400°C

5, Oven temperature: 0-500°C

6, Refrigeration temperature: 0-60°C

7, Refrigeration accuracy: \pm 1°C

8, Temperature measurement accuracy: \pm 0.1°C

9, Volume accuracy: \pm 0.1ml

10, Fire alarm: extinguish by nitrogen (prepared by customer)

11, Sample state: suitable for natural gasoline (stable light hydrocarbon), motor gasoline, aviation gasoline, jet fuel, special boiling point solvent, naphtha, mineral spirits, kerosene, diesel fuel, gas oil, distillate fuels.



Astra Scientific

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