



DOUBLE TUBES DISTILLATION APPARATUS

Double Tubes Distillation Apparatus TT-86A

Double Tubes Distillation Apparatus TT-86A meets the ASTM D86 Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure.

Double Tubes Distillation Apparatus TT-86A is suitable for light and middle distillates, as well as spark ignition engine fuels with or without oxygenates. This includes aviation gasoline, aviation turbine fuels, diesel fuels, biodiesel blends up to 20%, marine fuels, special petroleum spirits, naphtha, white spirits, kerosene, and Grade 1 and 2 burner fuels.

APPLICATIONS

The primary application of this apparatus is to determine the distillation characteristics of petroleum products at atmospheric pressure, in compliance with the ASTM D86 standard.

It is suitable for a wide range of products, including:

- Light and middle distillates
- Spark ignition engine fuels (with or without oxygenates)
- Aviation gasoline
- Aviation turbine fuels
- Diesel fuels
- Biodiesel blends up to 20%
- Marine fuels
- Special petroleum spirits
- Naphtha
- White spirits
- Kerosene

- Grade 1 and 2 burner fuels

FEATURES

- Capable of conducting two groups of tests simultaneously
- Quartz tube heating
- LED lighting with two groups of air cooling for the furnace

TECHNICAL SPECIFICATIONS

1. Rated voltage: AC 220V $\pm 10\%$, 50Hz (110V also available)
2. Power: 3800W
3. Temperature control mode: Digital temperature controller
4. Accuracy: $\pm 0.5^{\circ}\text{C}$
5. Stirring mode: Pump circulation
6. Ambient requirements: Temperature 5~40°C, Humidity $\leq 85\%$
7. Dimensions: 760 x 600 x 630 mm, 40 kg



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