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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

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TT-86A - Double Tubes Distillation Apparatus

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

Dual Unit Distillation Apparatus - TT-86A

Technical Specifications

Parameter	Specification
Test Positions	2 (independent)
Power Supply	AC 220 V ±10%, 50 Hz (110 V version available on request)
Power Consumption	3800 W
Temperature Control	Digital temperature controller
Temperature Control Accuracy	±0.5°C
Condenser Bath Circulation	Pump circulation
Ambient Temperature	5°C to 40°C
Relative Humidity	85% or below, non-condensing
Dimensions (L x W x H)	760 x 600 x 630 mm (29.9 x 23.6 x 24.8 in)

Parameter	Specification
Net Weight	40 kg (88 lb)

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