



# 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

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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

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

## TECHNICAL SPECIFICATIONS

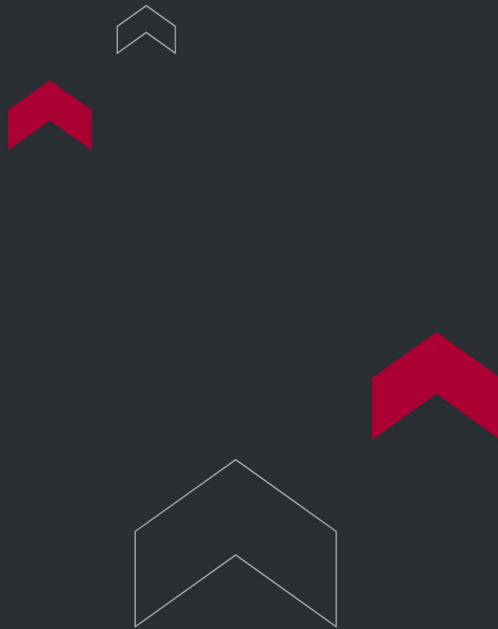
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# Dual Unit Distillation Apparatus - TT-86A

### Technical Specifications

| Parameter                    | Specification                                                  |
|------------------------------|----------------------------------------------------------------|
| Test Positions               | 2 (independent)                                                |
| Power Supply                 | AC 220 V $\pm$ 10%, 50 Hz (110 V version available on request) |
| Power Consumption            | 3800 W                                                         |
| Temperature Control          | Digital temperature controller                                 |
| Temperature Control Accuracy | $\pm$ 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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