

DISTILLATION

DISTILLATION UNIT

ASTM D86 DISTILLATION OF PETROLEUM PRODUCTS AT ATMOSPHERIC PRESSURE

This test method covers the atmospheric distillation of petroleum products using a laboratory batch distillation unit to determine quantitatively the boiling range characteristics of such products as light and middle distillates, automotive spark-ignition engine fuels with or without oxygenates (see Note 1), aviation gasolines, aviation turbine fuels, diesel fuels, biodiesel blends up to 20%, marine fuels, special petroleum spirits, naphthas, white spirits, kerosines, and Grades 1 and 2 burner fuels.

ASTM D216 (obs) METHOD OF TEST FOR DISTILLATION OF NATURAL GASOLINE

ASTM D447 (obs) TEST METHOD FOR DISTILLATION OF PLANT SPRAY OILS

ASTM D850 DISTILLATION OF INDUSTRIAL AROMATIC HYDROCARBONS AND RELATED MATERIALS

This test method covers the distillation of industrial aromatic hydrocarbons and related materials of relatively narrow boiling ranges from 30 to 250°C (86 to 482°F)

ASTM D1078 IP 195 ISO 4626 DISTILLATION RANGE OF VOLATILE ORGANIC LIQUIDS

This test method covers the determination of the distillation range of liquids boiling between 30 and 350°C (86 to 662°F), that are chemically stable during the distillation process, by manual or automatic distillation procedures.

This test method is applicable to organic liquids such as hydrocarbons, oxygenated compounds, chemical intermediates, and blends thereof.

ASTM E133, IP 123, ISO 3405, DIN 51751 DISTILLATION STANDARD SPECIFICATION

Consisting of: an electric heating for temperature up 400°C (752°F) (distillation group 0-4), mounting on left side, made of stainless steel with inspection tempered window can be opened, electronic regulator, adjustable flask support with external control knob.

Stainless steel cooling bath with nickel-plated condenser tube inclined to the right, glossy-black PVC cover, connections allowing water circulation, drain valve.

Technical specifications:

- Temperature: from ambient to 400°C (752°F)
- Power supply: 230V ±10% 50Hz
- Power: 1000W
- Dimensions: 39x65x60 cm
- Weight: 9 kg

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Consisting of: two electric heating for temperature up to 400°C (752°F) (distillation group 0-4), made of stainless steel with inspection tempered window can be opened, electronic regulator, adjustable flask support with external control knob.

Stainless steel cooling bath with nickel-plated condenser tube, glossy-black PVC cover, connections allowing water circulation, drain valve.

Technical specifications:

- Temperature: from ambient to 400°C (752°F)
- Power supply: 230V ±10% 50Hz
- Power: 2000W
- Dimensions: 80x65x60 cm
- Weight: 20 kg

1000 DISTILLATION UNIT (2 POSITIONS)



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