

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

990 DISTILLATION UNIT

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)

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.

Refrigerated and heated stainless steel cooling bath with temperature range 0-60°C (32-140°F), with nickel-plated, condenser tube inclined to the right, glossy-black PVC cover, drain valve.

990/R REFRIGERATED DISTILLATION UNIT



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. Refrigerated and heated stainless steel cooling bath with temperature range 0-60°C (32-140°F), with nickel-plated, condenser tube inclined to the right, glossy-black PVC cover, drain valve.

1000/R REFRIGERATED DISTILLATION UNIT (2 POSITIONS)

ACCESSORIES ON REQUEST

For ASTM D86

10-1175/100	CENTERING DEVICE THERMOMETER AND STOPPER CONDENSER PTFE centering device for thermometer and PTFE stopper link to condenser bath. For flask 100 and 125 ml
10-1176	FLASK TYPE A 100 ml, pack of 3 pcs
10-1177	FLASK TYPE B 125 ml, pack of 3 pcs
10-1187/P	PRECISION CYLINDER TYPE B 100 ml Graduated 1-100:0.1 ml
10-1192	GLASS CERAMIC FLASK SUPPORT BOARD Ø32 mm
10-1193	GLASS CERAMIC FLASK SUPPORT BOARD Ø38 mm
10-1194	GLASS CERAMIC FLASK SUPPORT BOARD Ø50 mm
T-AS7C	THERMOMETER ASTM 7C IP 5C
T-AS8C	THERMOMETER ASTM 8C IP 6C

For ASTM D850

10-1175/200	CENTERING DEVICE THERMOMETER AND STOPPER CONDENSER PTFE centering device for thermometer and PTFE stopper link to condenser bath. For flask 200 ml
10-1179	FLASK TYPE C 200 ml, pack of 3 pcs
10-1187/P	PRECISION CLINDER TYPE B 100 ml Graduated 1-100:0.1 ml
10-1191	GLASS CERAMIC FLASK SUPPORT BOARD Ø25 mm
10-1193	GLASS CERAMIC FLASK SUPPORT BOARD Ø38 mm
10-1194	GLASS CERAMIC FLASK SUPPORT BOARD Ø50 mm
T-AS39C	THERMOMETER ASTM 39C IP 79C
T-AS40C	THERMOMETER ASTM 8C IP 80C
T-AS41C	THERMOMETER ASTM 41C IP 81C
T-AS42C	THERMOMETER ASTM 42C IP 82C

For ASTM D1078

10-1175/200	CENTERING DEVICE THERMOMETER AND STOPPER CONDENSER PTFE centering device for thermometer and PTFE stopper link to condenser bath. For flask 200 ml
10-1179	FLASK TYPE C 200 ML, pack of 3 pcs
10-1187/P	PRECISION CLINDER TYPE B 100 ML Graduated 1-100:0.1 ml
10-1192	GLASS CERAMIC FLASK SUPPORT BOARD Ø32 mm
10-1193	GLASS CERAMIC FLASK SUPPORT BOARD Ø38 mm
T-AS2C	THERMOMETER ASTM 2C IP 62C
T-AS3C	THERMOMETER ASTM 3C IP 73C
T-AS14C	THERMOMETER ASTM 14C
T-AS37C	THERMOMETER ASTM 37C IP 77C
T-AS38C	THERMOMETER ASTM 38C IP 78C
T-AS39C	THERMOMETER ASTM 39C IP 79C
T-AS40C	THERMOMETER ASTM 8C IP 80C
T-AS41C	THERMOMETER ASTM 41C IP 81C
T-AS42C	THERMOMETER ASTM 42C IP 82C
T-AS102C	THERMOMETER ASTM 102C IP 83C
T-AS103C	THERMOMETER ASTM 103C IP 84C
T-AS104C	THERMOMETER ASTM 104C IP 85C
T-AS105C	THERMOMETER ASTM 105C IP 86C
T-AS106C	THERMOMETER ASTM 106C IP 87C
T-AS107C	THERMOMETER ASTM 107C IP 88C

SPARE PARTS

11-0990	HEATER ELEMENT
15-0111	ELECTRONIC REGULATOR
15-0990/VET	TEMPERED GLASS
15-0991	STATIC RELAY
17-0990	TRANSFORMER