

Ash from Petroleum Products



Specifications

Conforms to the Specifications of:

ASTM D482, D874, D1026, D3174, D4422, D5184;
IP 4

Temperature Range: Ambient to 1200°C

Temperature Accuracy: $\pm 1^{\circ}\text{C}$

Temperature Uniformity: $\pm 3^{\circ}\text{C}$

Temperature Resolution: $\pm 0.1^{\circ}\text{C}$

Oven Volume:

0.17 cu. ft. model: 5 L

0.52 cu. ft. model: 15 L

1.41 cu. ft. model: 40 L

Chamber Internal Dimensions (wxdxh,in.(cm)):

0.17 cu. ft. model: 8x7x5 (20.32x17.78x12.70)

0.52 cu. ft. model: 9x13x7 (22.86x33.02x17.78)

1.41 cu. ft. model: 13x19x10 (33.02x48.26x25.40)

Electrical Requirements:

115V, 60Hz, Single Phase

230V, 50/60Hz, Single Phase

Power:

0.17 cu. ft. (5L) model: 2700 W

0.52 cu. ft. (15L) model: 5500 W

1.41 cu. ft. (40L) model: 11000 W

Test Method

Determines the amount of ash in distillate and residual fuels, gas turbine fuels, crude oils, lubricating oils, waxes, and other petroleum products.

Programmable Ashing Furnace

- 6 Complete Air Exchanges per Minute
- Maximum Temperature of 1200°C
- Touch Screen Control Panel
- Double walled housing for low external temperatures and stability

Dimensions wxdxh,in.(cm)

0.17 cu. ft. model: 18x26x22 (45.7x66x55.8)

Net Weight: 88 lb (40 kg)

0.52 cu. ft. model: 20x29x24 (50.8x73.7x61)

Net Weight: 132 (60 kg)

1.41 cu. ft. model: 24x34x29 (61x86.4x73.7)

Net Weight: 176 (80 kg)

Ordering Information

Catalog No.

K24410	Programmable Ashing Furnace, 0.17 cu.ft. (5L), 115V 60Hz, Lift Gate
K24419	Programmable Ashing Furnace, 0.17 cu.ft. (5L), 230V 50/60Hz, Lift Gate
K24420	Programmable Ashing Furnace, 0.52 cu.ft. (15L), 115V 60Hz, Lift Gate
K24429	Programmable Ashing Furnace, 0.52 cu.ft. (15L), 230V 50/60Hz, Lift Gate
K24430	Programmable Ashing Furnace, 1.41 cu.ft. (40L) 115V 60Hz, Lift Gate
K24439	Programmable Ashing Furnace, 1.41 cu.ft. (40L) 230V 50/60Hz, Lift Gate

Accessories

K24410-1	Steel Collecting Pan, 5L
K24420-1	Steel Collecting Pan, 15L
K24430-1	Steel Collecting Pan, 40L
K24300-1	Evaporation Crucible, Porcelain, 100mL
K24300-2	Crucible Tong, 300mm
K24300-3	Gloves, 900°C Max
K24300-8	Evaporation Crucible, Porcelain, 30mL, pk/6
K24300-9	Porcelain Lid, for 30mL Crucible, pk/6



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