

MUFFLE FURNACE

ASH FROM PETROLEUM PRODUCTS

SPECIFICATIONS

Standards

ASTM D 482, D 874, IP4, and related methods.

Key Features

- Automatic control of temperature by electronic PID controller
- 3 L capacity
- Temperature range from Ambient to 1100°C
- With natural air circulation and chimney
- Time from ambient to 1 100 °C: 50 min.
- Heating from two sides by ceramic heating plates
- Housing made of sheets of textured stainless steel
- Dual shell housing for low external temperatures and high stability
- Exhaust air outlet in rear wall of furnace

ORDERING INFORMATION

Scope of delivery :

23963 Instrument is delivered with:

- 1 Set of heating elements PN 23964
- 1 Thermocouple K (160mm) PN 23965

Site requirements:

Power Supply: AC 230 V - 50 Hz - 6 A

Weight: 20 kg

Dimensions:

- Internal size: 160x140x100 mm
- External size: 380x370x420 mm



Reagents: Propanol-2, Toluene and Sulfuric acid are necessary - To be supplied locally

ACCESSORIES

ACCESSORIES FOR ASTM D 482

Necessary accessories

REF 10532	Pack of 6 porcelain dishes, 100 ml, flat bottom
REF 10728	Glass rod dia. 6mm, length 200mm
REF 15657	Filter papers (ashless) pack of 100 (dia. 70mm)
REF 24221	Analytical balance EAB 224e, capacity 220 g : 0,1 mg
REF 10687	Stainless curved crucible tong
REF 10702	Glass balls dia. 2 mm (1 kg)
REF 27083	Meker burner
REF 14110	Tube for propane gas 6 x12 mm (10 m)
REF 27203	Glass dessiccator

Optional accessory

REF 10770	Porcelain plate for dessiccator 27203
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ACCESSORIES FOR ASTM D 874

Necessary accessories

REF 24221	Analytical balance EAB 224e, capacity 220 g : 0,1 mg
REF 15657	Filter papers (ashless) pack of 100 (dia. 70mm)
REF 10687	Stainless curved crucible tong
REF 27203	Glass desiccator

Optional accessory

REF 10770	Porcelain plate for dessiccator 27203
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Crucibles at choice

REF 10508	Porcelain crucible, 40 ml tall form (pack of 6)
REF 10509	Porcelain crucible, 80 ml, low form (pack of 6)
REF 10510	Porcelain crucible, 120 ml, tall form (pack of 6)
REF 10515	Porcelain crucible, 80 ml low form (pack of 6)
REF 10532	Porcelain dish, 100 ml, flat bottom (pack of 6)
REF 15377	Silica crucible (50 ml tall form)
REF 15386	Silica crucible (75 ml low form)
REF 15387	Silica crucible (130 ml low form)



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