

**ASTM D 70 - ISO 3828 - IP 189/IP 190**

**SCOPE**

This test method covers the determination of the specific gravity and density of semi-solid bituminous materials, asphalt cements, and soft tar pitches by use of a pycnometer.

**DENSITY OF SEMI-SOLID BITUMINOUS MATERIALS**  
**PYCNOMETER METHOD**  
**- REF 24615 -**

**MAIN CHARACTERISTICS**

Thermostatic bath TC 16:

- ✓ Temperature range 5°C above ambient temperature to +250°C
- ✓ Capacity: 16L
- ✓ Electronic regulation
- ✓ Stability: +/- 0,01°C
- ✓ Cooling coil
- ✓ Heating: 1200 W
- ✓ Pump capacity: 7,5 L/min
- ✓ Opening 180x210 mm
- ✓ Depth: 200 mm
- ✓ Power: 1600 W
- ✓ 230 V-50/60 Hz



**NECESSARY ACCESSORY**

**REF 11532** ASTM thermometer (63 C), range from -8 to +32°C

**STANDARDIZED GLASSWARE**

- REF 20847** Pycnometer A – Capillary stopper gravity bottle  
**REF 24624** Pycnometer B – Warden, capillary stopper, specific gravity bottle for very viscous or waxy oils  
**REF 23229** Pycnometer C – Wide mouth, capillary stopper, specific gravity bottle  
**REF 23230** Pycnometer D – Bingham type made of borosilicate glass and having a total weight not exceeding 30g



**ORDERING INFORMATION**

**REF 24615**  
230 V-50/60 Hz – 1600 W

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