



# Densimetry Bath



LT/DB-55112/M



LT/DB-55100/M

ASTM D70  
ASTM D71  
ASTM D287  
ASTM D1298  
ASTM D1481  
ASTM E100  
IP 160  
IP 189  
IP 190  
ISO 3675  
ISO 3838  
JIS K 2207  
JIS K 2249  
JIS K 2265

**ASTM D287 - Api gravity of crude petroleum and petroleum products.**

Covers the determination by means of a glass hydrometer of the API gravity of crude petroleum and petroleum products normally handled as liquids and having a Reid vapour pressure (Test Method D323) of 26 psi (180 kPa) or less.

**ASTM D1298 - Density, relative density (specific gravity), or API gravity of crude petroleum and petroleum products by hydrometer.**

Covers the laboratory determination using a glass hydrometer, of the density, relative density (specific gravity), or API gravity of crude petroleum, petroleum products, or mixtures of petroleum and non-petroleum products normally handled as liquids, and having a Reid vapour pressure of 14.696 psi (101.325 kPa) or less.

**Art. LT/DB-55112/M  
Digital densimetry bath**

- Painted metal case with insulated double wall
- 12 test places
- Internal bath made of stainless steel
- Capacity 42 litres approx.
- Support with 12 holes  $\varnothing$  51 mm for 50 x 440 mm test tubes
- Test tubes blocking system
- Digital thermoregulator PID  $\pm$  0.1° with over temperature alarm and probe PT100A
- Double motor stirrer
- Safety thermostat
- 2 stainless steel heaters, total power 4000 W
- Working temperature up to 230°C
- Drain tap and overflow

**Dimensions**

- 35 cm x 70 cm x 60 cm

**Weight**

- 27 kg

**Accessories**

- LAB-100-552/45: protection jacket for low temperature, for tank 29 litres
- LAB-100-553: test tubes 50 x 440 mm, pack of 5
- LAB-100-555: cylinder for densimetry with foot, 450 mm height
- T-AS12C: thermometer ASTM 12C - IP 64C

**Spare Parts**

- LAB-100-553: test tubes 50 x 440 mm, pack of 5
- LAB-100-555: cylinder for densimetry with foot, 450 mm height
- LAB-140-002: PT100 probe
- LAB-110-012: heater
- LAB-160-014: digital thermoregulator
- LAB-150-015: static relay

**Power Supply**

- 220Vac 50/60 Hz
- 115Vac 60 Hz

**Art. LT/DB-55100/M  
Digital densimetry bath with base**

- Tank about 29 litres capacity
- Cover with five holes  $\varnothing$  51 mm for 50 x 440 mm test tubes
- Control unit in painted sheet with digital thermoregulator PID  $\pm$  0.1° with over temperature alarm and probe PT100A
- Motor stirrer
- Stainless steel heater
- Cooling coil for working ambient temperature
- Test tubes blocking system

**Dimensions**

- $\varnothing$  56 cm x 65 cm

**Weight**

- 12 kg