



ASTM Equipment

1.9 ASTM D2162 Master Viscometer Bath: TV16000

ASTM D2162 - ASTM D445 - ISO/EN 3104 - IP 71 - DIN 51366

This thermostatic bath is specially designed for tests that require ultra precise temperature control, or processes that need to be followed visually.

Main Characteristics

The TV16000 conforms to ASTM D445: Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids and ASTM D2162: primary Basic Calibration of Master Viscometers and Viscosity Oil Standards. Other applications are thermometer and sensor calibration or density measurement.

When using a metal block (thermo well) inside the bath, stabilities of $\pm 0.005\text{K}$ can be achieved. A stirrer moves the bath fluid alongside a special heater ensuring optimal temperature control and ensuring excellent uniformity. The bath conforms to CE-regulation. Further the bath is equipped with a mechanical over-temperature device which trips when in case of malfunction the bath exceeds the preset maximum temperature. This feature guarantees safe around the clock operation.



TV16000

Range	10..60°C/50..140°F
Reading	Standard °C, °F on request
Used materials inside bath	Stainless steel 304
Setting \pm	0.005°C
Stability \pm	0.005 K
Uniformity	<0.005 K
Heating	2500 W
Heaters	2
Bath volume	160 L
Opening bath	250 x 365 mm
Depth bath	965 mm
Dimension (LxWxH)	575 x 575 x 1700 mm
Weight	135 kg

▶ TV16000 **REF 00T0490** (230V/50Hz) • **REF 00T0492** (230V/60Hz) • **REF 00T0495** (115V/60Hz)

▶ **For options and spare parts, please see our 'TV15000'.**

