

PSL TCB-7 Viscometer Bath



Part No. 20402

**ASTM D445, IP 71,
ISO 3104, ISO 3105,
ASTM D1298**

Easy to Use

The TCB-7 bath is very easy to operate. Using the touch pad on the control unit, the set-point is keyed in. The set-point can be programmed and calibrated to two decimal places. Thermometer holder for precision thermometer is built in. Safety features include a low liquid level switch, an upper temperature limit warning, a low temperature limit warning and a high temperature cut-out device.

Excellent Visibility

The bath construction affords full visibility of up to 7 viscometers, which can be placed in the bath simultaneously.

Constant Temperature Viscometer Bath

Stirred Liquid Bath, suitable for Kinematic Viscosity, Solution Viscosity & Density testing

Features:

- **Calibration to 0.01°C**
- **7 Viscometer positions**
- **Small footprint**
- **Thermometer holder built in**
- **Cooling coil built in**
- **Stainless steel casing**
- **Splash proof keypad**
- **Range up to 150°C**
- **Integrated back light (optional)**

Built in cooling coil

The TCB-7 bath can be used from 15 to 150°C, and is supplied with a built in cooling coil. Operation at temperatures from 15°C to 40°C require an external source of chilling. This is provided by a cool liquid, which is passed through the cooling coil. A low cost recirculating chiller is available from PSL to provide the cooling required. The PSL Rheotek TLC-250 Chiller is specially designed for operating with the TCB-7MkII bath.

Stability Certificate

All TCB-7 baths are supplied with a certificate of temperature stability and uniformity. Excellent circulation technology provides superior uniformity.

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Bath Liquid

- **Silicone oil**
- **Clear**
- **Durable**

PSL Silicone oil is the perfect bath medium for the TCB-7 Viscometer Bath. Completely clear, it has virtually unlimited durability, provided that it is protected from sample spills. PSL silicone oil is supplied in 5 litre containers.

Operational temperature:
25°C to 100°C

Part No. 20415

Operational temperature:
100°C to 150°C

Part No. 20416

PSL Rheotek TLC-250 Chiller

- **Low energy consumption**
- **Optimized for use with Viscometer baths**
- **Compact design and small footprint**
- **Splash-proof keypad**
- **Easy filling**
- **Drain tap**

The PSL Rheotek TLC-250 is ideal for use with the TCB-7 Viscometer Bath. The chiller is usable for working temperatures from +5°C to +40°C with a temperature stability of $\pm 0.5^\circ\text{C}$ and an Eco friendly alternative to tap water



Part No. TLC-250

Viscometer Bench Stand

- **Stainless Steel**
- **Drip tray**

The Viscometer Bench Stand is a safe and convenient storage tool for viscometers immediately before and after use. It accommodates up to 6 viscometers and minimizes the risk of breakages.



Part No. 20430

Specifications PSL TCB-7 Bath

Temperature stability-typical	$\pm 0.01^\circ\text{C}$
Volume	40 litres
Heater Capacity 230V	2000 W
Heater Capacity 115V	1000 W
Dimensions	380mm x 405mm x 420mm
Internal depth	400 mm
Net weight	36 kg
Bath liquid	Mineral oil, silicone oil or de-mineralised water



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.