

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.

PSL TCB-7 Viscometer Bath

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.



UK Office

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)330 088 0560

Fax: +44 (0)1245 808399

Email: sales@keison.co.uk

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