

## 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**

### 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 RHEOTEK TLC-1 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.

## 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

### RHEOTEK TLC-1 Chiller

- **Working range 5°C-40°C**
- **Refrigerant R134a**
- **High condensation efficiency**
- **Space-saving design**
- **Filling level indicator**

The RHEOTEK TLC-1 is an environmentally friendly cooling solution – replacing continuous running tap water. The refrigerated circulator is designed for use with the TCB-7 viscometer bath or the RHEOTEK Visibility bath, to control set-points at 15°C-40°C.



Part No. 20410

### 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 RHEOTEK TCB-7

Temperature stability-typical	± 0.01°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