

PSL Visibility Bath



PSL No. 20405

Test Methods

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

Easy To Use

The Visibility 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 4 viscometers, which can be placed in the bath simultaneously.

Simple Design

An advantage of the single walled design is that the Visibility Bath displays excellent temperature stability at 40 degrees C without the use of an external chiller. This makes the Visibility Bath an excellent choice for testing the Kinematic Viscosity of Biodiesel for product specification.

Visibility Bath

Low Cost Stirred Liquid Bath for control of temperature, suitable for Kinematic Viscosity, Solution Viscosity & Density testing.

Features:

- **4 Viscometer Positions**
- **Small Footprint**
- **Cooling Coil Built In**
- **High – Low °C/°F Warning Limit**
- **Splash Proof Keypad**
- **Range 15°C To 60°C**
- **Calibration Certificate**

Built In Cooling Coil

The Visibility Bath can be used from 15 to 60°C, and is supplied with a built in cooling coil. Operation at temperatures below or near ambient require an external source of chilling. This is provided by a cool liquid, which is passed through the cooling coil. A recirculating chiller is available from PSL to provide the cooling required. The PSL TLC-250 Chiller is specially designed for operating with the visibility bath.

Stability Certificate

All visibility baths are supplied with a certificate of temperature stability and uniformity. Excellent circulation technology provides superior uniformity of temperature in the visibility Bath.

PSL Visibility Bath

Bath Liquids

- Silicone oil**

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

Operational temperature:
25°C to 100°C

Part No. 20415

- Mineral Oil**

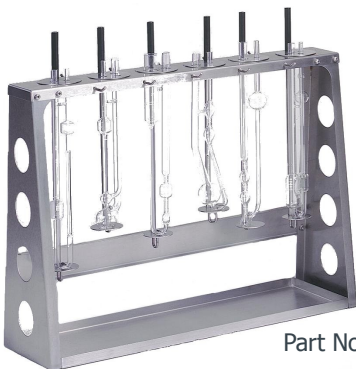
PSL Mineral Oil is a clear hydrocarbon base oil. Supplied in 5 litre containers. Operational temperatures : 20 to 40°C

Part No. 20418

PSL Viscometer Bench Stand

- Stainless Steel**
- Drip tray**

The Viscometer Bench Stand is supplied complete with drip tray and in a convenient storage tool for viscometers immediately before and after use. It accommodates up to 6 viscometers in holder with 10 drip points.



Part No. 20430

PSL TLC-1 Refrigerated Circulator

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

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

Specifications PSL Visibility Bath

Range	15°C to 60°C
Temperature Stability Typical	$\pm 0.015^\circ\text{C}$
Volume	25 Liters
Heater Capacity 230V	2000W
Heater Capacity 115V	1000W
Dimensions	500mm x 200mm x 550mm
Internal Depth	400 mm
Net Weight	12 kg
Bath Liquid	Silicone oil, mineral 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.