

## PSL Visibility Bath

### Visibility Bath

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

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



### 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. A 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.

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

PSL No. 20405-1 &  
20425-1 Backlight

### 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 near to ambient will 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 Rheotek 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



Part No. 20450

### Chiller/Refrigerated circulator

Suitable for use as a source of cooling with the PSL Rheotek Visibility bath. Required accessory for operating at temperatures below or near ambient.

- **Low energy consumption**
- **Optimized for viscometer baths**
- **Quick response technology**

### PSL Viscometer Bench Stand

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 holders with 10 drip points for draining of viscometers.



Part No. 20430

### Bath liquids

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

Part No. 20414/1

### Chiller connection kit

Visibility bath to chiller connection kit. Includes insulated supply and return tubing, hose clamps, and in-line filter.

Part No. 20452

### Stand alone backlight

LED illuminator with adjustable height light panel 300 x 300mm. Complete with 230VAC-24VDC power supply. For use with all viscometer baths

Part No. 20425-1

### Visibility Bath Specifications

Temperature Range	15°C to 60°C
Temperature Stability Typical	± 0.015°C
Volume	25 Liters
Heater Capacity 230V	2000W
Heater Capacity 115V	1000W
Dimensions	500mm x 200mm x 550mm
Internal Depth	400mm
Net Weight	12 Kg
Bath Liquid	Silicone oil, Mineral oil or Demineralised water