

PSL Visibility Bath

Small Visibility Bath

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

- 2 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. 20710 &
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.

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Part No. 20470

Chiller/Refrigerated circulator

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

- **Low energy consumption**
- **220W cooling @20°C**
- **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	18.6 Liters
Heater Capacity 230V	2000W
Heater Capacity 115V	1000W
Dimensions	500mm x 200mm x 300mm
Internal Depth	400mm
Net Weight	10 Kg
Bath Liquid	Silicone oil, Mineral oil or Demineralised water