

PSL Vacuum System for Bituminous Binders

**Viscosity of Asphalts by Vacuum Capillary Viscometer
ASTM D2171, EN 12596**



The PSL Rheotek Vacuum System for bituminous binders is supplied complete with digital vacuum regulator, vacuum pump, manifold bench top module and glass trap.

The vacuum system is designed to be used in conjunction with vacuum capillary viscometers accommodated in a TCB-7 viscometer bath.

The time is measured for a fixed volume of sample to be drawn up through a capillary tube by means of the regulated vacuum supply at a closely controlled temperature (e.g. 60°C).

The system is supplied with a UKAS certificate of calibration for pressure.

- **Space saving**
- **Digital controller**
- **Diaphragm vacuum pump**
- **Stand alone**
- **Optional TCB-7 viscometer bath**
- **Optional vacuum viscometers**



Optional TCB-7 viscometer bath for use at 60 or 135°C



PSL Rheotek Vacuum System for Bituminous Binders

The PSL Rheotek range of instruments are manufactured in the United Kingdom by Poulten, Selfe and Lee Ltd.

Poulten, Selfe & Lee Ltd. (PSL) was established in 1850. For more than 60 years the company has been specializing in viscosity measurement. PSL's high precision glass capillary viscometers are used worldwide for manual and automated viscosity measurement.

Worldwide, instruments are sold and serviced by a network of PSL Rheotek offices and authorized sales agents.

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Ordering Information

| | |
|--------------|----------------------------------------------------------------------------------------------------------------|
| VACS-EN12596 | PSL Rheotek Vacuum system for bituminous binders. Complete system with UKAS certificate of calibration. |
| Included | * Vacuum pump |
| Included | * Digital vacuum regulator |
| Included | * Bench top manifold with fittings |

Optional Apparatus

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|----------|------------------------------------------------------------------|
| 20405-1 | TCB-7 Viscometer Bath for use at 60°C |
| 20405-1H | TCB-7 Viscometer Bath for use at 135°C |
| 1673 | Cannon-Manning Vacuum Capillary Viscometer (specify size) |
| 1677 | Asphalt Institute Vacuum Capillary Viscometer (specify size) |
| 1850/A1 | Universal Viscometer Holder |
| 1976/A1 | Rubber holder for Cannon-Manning Vacuum |
| 1977/A1 | Rubber holder for Asphalt Institute Vacuum |
| TT-3 | TT-3 Digital thermometer |
| F100/A | 100/A Digital Thermometer supplied complete with one PT100 probe |



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