

## Rheotek Universal Viscometer - RUV-2

PSL Rheotek specialises in the automated kinematic viscosity measurement of a wide range of petroleum liquids as well as synthetic fuels and oils.

The RUV-2 range of compact viscometer analyzers are suitable for determining kinematic viscosity using gravity flow in a suspended level type viscometer (Ubbelohde), fully complying with ASTM D445-IP71, ISO 3104.

The RUV-2 range includes a standard analyzer with built in cooling, two solvent cleaning system and integrated processor. Configuration options include a low temperature “sub-zero” analyzer as well as a multi temperature combination.



### RUV-2

The RUV-2 is a compact bench top analyzer.

#### Key features:

- precise nIR detection
- integrated cooling
- built in safe-vacuum used for cleaning and drying
- two solvent cleaning system
- Traceability of each step of the test method
- Integrated processor
- Recording of all flow times, min, max and av temperature during test, kinematic viscosity results and precision
- Dual bath option
- Sub-zero temperature bath option

## RUV-2 Automated Kinematic Viscosity

The RUV-2 range of viscometers are manufactured in the United Kingdom by Poulten, Selfe and Lee Ltd.

Poulten, Selfe & Lee Ltd (PSL) was established in 1850 and specializes in viscosity measurement. Instruments include the PSL range of precision glass capillary viscometers tubes and Rheotek automated viscometer systems.

Within the North American region, RUV systems are sold and serviced by a dedicated company, PSL Rheotek USA.

Throughout other parts of the world, systems are distributed and supported by a network of authorized agents.

RUV-2 Analyzer	Measuring positions	Features
RUV-2 (2)	Two	Standard Ubbelohde viscometer analyzer (single bath)
RUV-2 (4)	Four	Dual bath Ubbelohde viscometer analyzer
RUV-2 LT (1)	One	Low temperature Ubbelohde viscometer analyzer (single bath)
RUV-2 MT (3)	Three	Multi temperature dual bath – one low temperature and one standard
Options	F100 digital thermometer, glass capillary viscometers, silicone bath oil	

### ASTM Ubbelohde

AKV Ubbelohde glass capillary viscometer tubes suitable for measuring transparent and opaque liquids. Approximate sample volume 18 ml. Complete with ISO 17025 certificate of calibration.

Nominal kinematic Viscosity				
Part No.	Size	Constant	Range (mm <sup>2</sup> /s) (min)	Range (mm <sup>2</sup> /s) (max)
20004	1C	0.03	1	9
20005	1B	0.05	1.5	30
20006	2	0.10	3	100
20007	2C	0.30	9	300
20008	2B	0.50	15	500
20009	3	1.0	30	750
20010	3C	3.0	90	1000
20011	3B	5.0	150	1500
20012	4	10	300	2000

European Office :  
Tel.: +44 1621 787 100

North America office:  
Tel.: 574 271 7477

Poulten, Selfe & Lee Ltd  
Russell House  
Burnham Business Park  
Burnham-on-Crouch  
Essex CM0 8TE  
United Kingdom

sales@psl-rheotek.com