

elcometer® **2250 Digital Viscometer**

Can be used in accordance with:
AS/NZS 1580.214.1, ASTM D 562, ASTM D 856, ASTM D 1084-C, ASTM D 1131



Featuring a unique automatic test mode, the Elcometer 2250 Krebs Viscometer measures the viscosity of paints, varnishes, adhesives, pastes and liquid inks at the touch of a button.

Designed for use in accordance with National and International Standards - the Elcometer 2250 is ideal for both process control and quality assurance.

The Elcometer 2250 offers users both a fully automatic or manual Krebs viscosity test. The unit has a fixed spindle speed of 200rpm and displays the viscosity value on screen in Krebs Units (KU), Grams (g) or Centipoise (cP).

The Elcometer 2250 has two operating modes; '**Automatic**' and '**Manual**'

Automatic Mode: Fully automatic test - ensuring reliability and consistency of results - ideal for repeatable and reproducible testing.

Once the sample beaker is positioned on the support, and the 'Start' button is pressed, the drive head automatically moves down until the spindle reaches the correct position within the sample. After a pause to let the sample settle, the Elcometer 2250 begins the test and displays the viscosity value. Once the test has been completed, the head automatically returns to the start position allowing the sample to be removed.

Manual Mode: The Elcometer 2250 can also be used manually - ideal for measuring using non-standard sample sizes.

Features

- Fully automated Krebs test - simply set up and press 'Start'
- Choice of measurement units: Krebs Units (KU), Grams (g), or Centipoise (cP)
- Designed for use with either a 600ml beaker, 1 pint or ½ pint cans
- Standard Krebs spindle with fixed spindle speed of 200rpm
- Can be used with non-standard containers and sample volumes
- User adjustable "Sample Waiting Time" and "Measuring Time"
- Date and time stamp for each reading
- Optional thermal printer for a permanent record of results

Technical Specification

Part Number	Description		
K2250M001	Elcometer 2250 Krebs Viscometer		
	Krebs Units (KU)	Grams (g)	Centipoise (cP)
Range	40 KU to 141 KU	32g to 1099g	27 cP to 5274 cP
Resolution	0.1 KU	1g	5 cP
Measurement Accuracy	±1% of full scale		
Repeatability	±0.5%		
Speed (Accuracy)	200rpm (±1rpm)		
Operating Temperature	10°C to 40°C (50°F to 104°F)		
Maximum Altitude	2000m (6500ft) above sea level		
Ingress Protection	Level 2		
Dimensions	500 x 325 x 190mm (19.7 x 12.8 x 7.5")		
Weight	8.5kg (18.7lb)		
Certificate available	Certificate of Calibration: issued for Fixed Calibration equipment and shows readings and traceability		

Packing List

- Elcometer 2250 Krebs Viscometer
- krebs spindle
- large sample container support for 600ml glass beaker or 1 pint (USA) can
- small sample container support for ½ pint (USA) can
- sample container support locating plug
- glass beaker 600ml (20.3fl.oz.)
- hexagonal wrench
- 3 x mains lead (UK, EUR and US)
- calibration certificate and operating instructions

Viscosity Oils for Rotational Viscosity

Part Number	Description
KT00225021791	Standard Krebs Spindle
KT00225022906	Special Paste Spindle
KT00225021793	Can Support Locating Plug
KT00225021794	Sample Container Support for 600ml (20.3fl.oz.) Glass Beaker or 1 pint (USA) Can
KT00225021795	Sample Container Support for ½ Pint (USA) Can
KT00225021796	600ml (20.3fl.oz.) Glass Beaker
KTUK999920179	Thermal Printer, UK 240V
KT00999920178	Thermal Printer, EUR 220V
KTUS999920180	Thermal Printer, US 110V

Krebs Viscosity Standard Calibration Oils

Part Number	Description	Krebs Units (KU)	Centipoise (cP)
KT002250N001	Krebs Calibration Oil: S200	64	400
KT002250N002	Krebs Calibration Oil: N350	79	750
KT002250N003	Krebs Calibration Oil: N400	84	940
KT002250N004	Krebs Calibration Oil: S600	95	1400
KT002250N005	Krebs Calibration Oil: N1000	115	2600

Supplied in 500ml (1 pint) bottles complete with calibration certificate and accurate to ±1% of the stated viscosity values