



Portable Viscometer / Viscosity Meter PCE-RVI 3 VP20



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Handheld, portable, mobile, rotational viscometer to measure viscosity according to the Brookfield method

PCE-RVI 3 VP20 is a portable rotational viscometer used in industrial and research applications to measure viscosity according to the Brookfield method. Featuring an ergonomic design and up to 30 hours of battery life during continuous operation, this handheld viscometer is delivered with spindles R2, R3, R4, R5, R6 and R7 and displays measurements in millipascal-second (mPa.s).

Basic operation

To turn on the viscometer, press and hold the enter button for 10 seconds. Once the display shows the rotational speed, the current viscosity, the selected spindle, the battery status and the full scale percentage, press the up or down buttons to find the applicable spindle and press the enter button to confirm your selection. Press enter again to start the measurement. Be sure your sample is in place before pressing the enter button, as the enter button begins rotation of the spindle. When you have finished your viscosity test, press enter to stop the measurement and the rotation.

Ideal for testing, development, manufacture and quality control in the food, chemical, paint and cosmetics industries as well as for the study of materials, this mobile viscometer:

- ▶ Provides fast, reliable viscosity measurements on the go
- ▶ Comes with a factory / manufacturer calibration certificate
- ▶ Includes a protective, foam-filled, hard-plastic carrying case
- ▶ Offers a max. battery life of up to 30 hours of continuous use
- ▶ Maintains a constant speed of 20 revolutions per minute (rpm)

Subject to change



Specifications

Technical specifications

Rotational speed	20 rpm
Torque range	Rotational viscometer (RV)

Viscosity range

Millipascal-second (mPa.s)	200 ... 200,000 mPa.s
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General specifications

Accuracy	± 2% reading (RD)
Repeatability	± 1%
Power supply	4 x AA LR6 or R6 batteries (6 V)
Battery life	Up to 30 hours of continuous operation
Operating temperature	+10 ... +40 ° C / +50 ... 104 ° F
Operating humidity	< 80% RH, non-condensing
Spindle max. temperature	When the operating conditions (temperature and humidity) are observed, the spindles can be used at up to +120 °C / +248 ° F
Maximum altitude	2,000 m / 6,561 ft above mean sea level; for indoor use only
Approx. dimensions	10.5 x 16 x 25.5 cm / 4.2 x 6.3 x 10.1 in
Approx. weight	1150 g / 2.6 lbs
Protection class	IP20

See user manual for complete technical specifications and operating instructions.

More information

Manual



Video



Video Manual



More product info



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