

# Viscometer / Viscosity Meter PCE-RVI 4 VP20



## PCE-RVI 4 VP20 Viscometer / Viscosity Meter

### Rotational viscometer to measure viscosity according to the Brookfield method

PCE-RVI 4 VP20 is a rotational viscometer used in industrial and research applications to measure viscosity according to the Brookfield method. Featuring a simple, lightweight construction for ease of portability, this digital viscometer can be used in the laboratory or in the field. This 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 2 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 start the measurement. Be sure your sample is in place before pressing the start button, as the start 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 classic viscometer:

- ▶ Contains a bright, easy-to-read LCD digital display
- ▶ Includes a protective, foam-filled, hard-plastic carrying case
- ▶ Comes with a factory / manufacturer calibration certificate
- ▶ Offers a max. battery life of up to 30 hours of continuous use
- ▶ Maintains a constant speed of 20 revolutions per minute (rpm)

# Specifications

## Technical specifications

Rotational speed	20 rpm
Torque range	Rotational viscometer (RV)

## Viscosity range

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

Accuracy	± 2% full scale (FS)
Repeatability	± 1% FS
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
Relative humidity	< 80%, non-condensing
Maximum altitude	2,000 m / 6,561 ft above mean sea level
Approx. dimensions	170 x 110 x 410 mm / 6.7 x 4.3 x 16.2 in
Approx. weight	1.8 kg / 4.0 lbs
Protection class	IP20

See user manual for complete technical specifications and operating instructions.

# More information

Manual



More product info



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