VISCOMETER

PCE-RVI 2-ICA



- **Spindle set consisting of L1, L2, L3, L4**
- **Measurement accuracy <±2% of measuring range**
- **Temperature measurement**
- **Built-in bubble level for leveling**
- **Optionally with analysis software**
- **Network operation**
- **incl. ISO-Calibration Certificate**

The viscometer has a measuring range of 15 ... 100,000 cP. With an accuracy of <±2% of the range, the viscometer is a precise measuring device to determine the viscosity of a sample liquid. The viscosity is determined by the viscometer on the basis of an applied mechanical resistance that acts in the opposite direction to the rotational movement of a spindle. The viscometer can be operated with an adjustable speed in the range between 6... 60 RPM.

Many fluids are exposed to thermal stress and therefore change their viscosity, such as engine oils. This is exactly where the viscometer comes in. With the immersion temperature sensor, the temperature of a test object can be determined during the measurement between 0 ... 100 °C. The viscometer can be connected to a PC via the RS232 interface in order to obtain a progression of the measurement.

Specification

Viscosity	
Measuring range	1 ... 100000 cp
Resolution	0,01 cp
Accuracy	±2 % v.Mb.

General technical data	
Repeatability	0.5 %
Interface	RS232
Adjustable measuring time	30 ... 3600 s
Spindle	L1 ... L4
Sample quantity	250 ... 400 ml (depending on the spindle)
Adjustable speed	6, 12, 30, 60 RPM
Menu language	English (US), German, English (GB)
Protection class (device)	IP21
Power supply	100 ... 240 V AC | 50/60 Hz
Connector type	Device Europlug
Operating conditions	5 ... 35 °C , 0 ... 80 %RH
Storage conditions	5 ... 35 °C , 0 ... 80 %RH
Dimensions (L x W x H)	400 x 200 x 430 mm
Weight	4800 g

PCE Americas Inc. dba PCE Instruments
1201 Jupiter Park Drive, Suite 8
Jupiter, FL 33458
USA

Phone: +1-561-320-9162
info@pce-americas.com