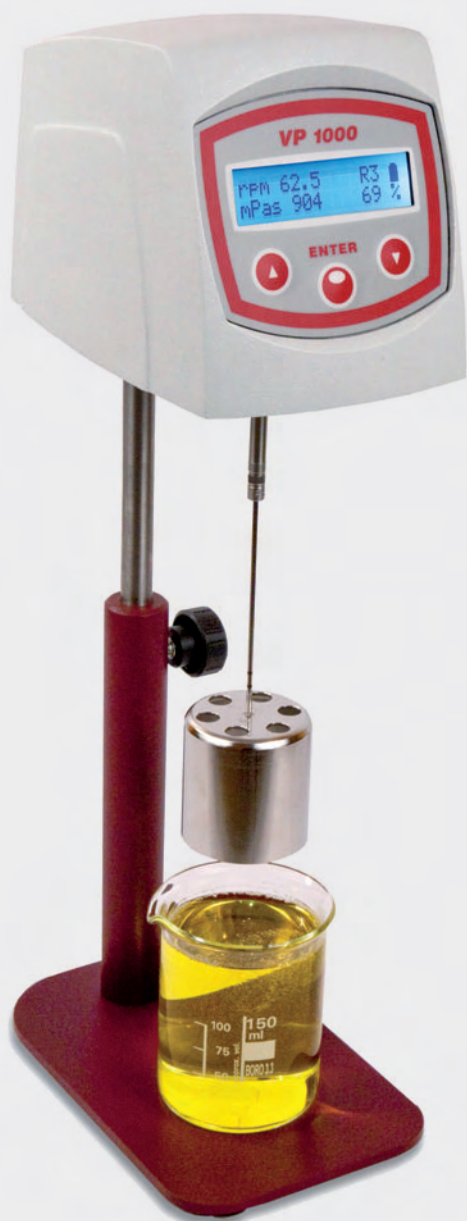


Myr PORTABLE VISCOMETER



SERIE **VP 1000 R**

VISCOMETER SERIE VP 1000 R

Myr rotary viscometers from the **VP 1000 R** series have been developed for quick and flexible viscosity measurements in a wide range of products. They are available in 2 versions: hand instrument (VP 1000 R) and desktop unit (VP 1000 RM).

AVAILABLE VERSIONS

The extreme light weight of the VP 1000 RM (1,8 kg) allows to carry it wherever the user needs. The instrument is ready to use; just unpack, set it up on a leveled surface, fill up vessel supplied with and press a button.

Hand version, VP 1000R, permits measurements in all kind of containers.



FEATURES

VP 1000 R series is battery operated and works at a fixed speed (62,5 rpm). The low consumption of the instrument allows an important autonomy (24-30 h non-stop use). The viscometer delivers readings in two different units, milli-Pascal-seconds (mPas) and deci-Pascal-seconds (dPas), and full scale percentage. The instrument displays the maximum measurement range for each selected spindle (FSR), allowing the user to select the most adequate Rotor.

COMPATIBILITY

Using the same Rotor selection, the viscosity readings obtained with VP 1000 R in both versions, are 100% compatible with viscosity results of the original analogue instrument and equivalent models in the market.

MEASURING PRINCIPLE

A Rotor, immersed in the fluid to be tested, rotates at a constant speed. The fluid's resistance to the rotation is measured to obtain direct readings of the viscosity in mPas and dPas.

OPERATION

Just press one key - ENTER - to begin with rotation and measurement, to stop the motor, to switch unit off and to enter into the Rotor selection screen.



ROTORS AND MEASURING VESSEL



The viscometer is supplied with 3 standard Rotors (nr. 1 – nr. 3). The measuring vessel (nr. 3), included in the basic delivery, features an anchorage system to the viscometer base (in model VP 1000 RM) for easy centering and to prevent the rotation stress to drag the container with the sample.

If Rotor nr. 3 is used with measuring vessel (nr.3) viscosity readings are reproducible.

APPLICATIONS

It is an ideal tool to carry out measurements during the manufacturing process, for batch control or comparative measurements, and in laboratories or research centres, whenever quick and reliable viscosity readings are needed.



DISPLAYED DATA

Unique speed	62,5 rpm
Rotor selected	R1 - R3
Dynamic viscosity	dPas - mPas
Full scale percentage	%
Full scale range (FSR)	dPas - mPas
Battery status warning with self-disconnection	

VISCOMETER SERIE VP 1000 R

VISCOSITY RANGE

Model	Rotor	Viscosity Range
VP 1000 R / VP 1000 RM	R3	0,3 - 13 dPas
VP 1000 R / VP 1000 RM	R1	3 - 150 dPas
VP 1000 R / VP 1000 RM	R2	100 - 4.000 dPas

Accuracy: \pm 2% of full scale range

Repeatability: \pm 1%

TECHNICAL DETAILS

Alkaline batteries	4xAA/LR6 (6V)	1.900mAh/Alkaline
Rechargeable batteries	4xAA/R6 (6V)	2.500mAh/Ni-Mh
Autonomy	24 a 30 hours non-stop use	
Weight	1.800g	
Protection classification	IP 20	

SCOPE OF DELIVERY

Basic delivery includes: carrying case, portable viscometer with batteries, complete set of Rotors (nr. 1, nr. 2 and nr. 3), measuring vessel (nr. 3) with filling level (approx. 150 ml), calibration certificate and user manual.



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