

VISCOMETER RM 100 PLUS



Our most
modular viscometer



FEATURES AND BENEFITS

- Speed or shear rate control.
- Huge speed and torque range.
- Direct control of temperature unit.
- Inbuilt software for programming.
- Direct measure with time to stop.
- User and locked mode.
- Data recording and USB transfer.
- Torque gage on display.
- Integrated temperature probe.
- Printer connection.
- Compatible with RheoTex software.
- Display of viscosity limits according to mobile and speed.
- Multistep method.
- LIMS and MODBUS functions.
- QC limits function.

AVAILABLE INSTRUMENTS

Reference	Designation	Viscosity range (mPa.s)
N100000	RM 100 PLUS VISCOMETER (with standard stand)	1 to 780M*
N100009	RM 100 PLUS VISCOMETER (with rack stand)	1 to 780M*

M for million / * According to measuring system



WHAT'S INCLUDED WITH DEVICE ? *(according to part number)*

1 Integrated temperature probe / 1 Standard stand or rack stand / 1 User manual / 1 Calibration and checking certificate

COMPATIBLES
MEASURING SYSTEMS

MS-RV, MS-LV, MS-BV,
MS-VANES, MS-KREBS, MS-SV,
MS-ULV, MS-DIN, MS-R.

COMPATIBLES
TEMPERATURE CONTROLS

EVA LR, EVA MS DIN,
RT-1 PLUS, EVA MS-R.

OPTIONS & ACCESSORIES



- Carrying case.
- External temperature probe.
- HELIPRO stand.
- Barcode reader.
- Bayonet spindle rack.
- Touch screen protector.
- Viscosity standards oil.
- Printer.
- Small volume package.
- THERMOCELL package.
- RheoTex software.
- GuardLeg.

SPECIFICATIONS

**Type of instrument**

Rotating springless viscometer with 7" Touch screen

Rotation speeds

Unlimited number of speeds between 0.3 and 1500 rpm

Torque range

From 0.05 to 30 mNm

Temperature Probe

Equipped with a PT100 sensor which indicates temperatures between -50°C to +300°C

Accuracy

+/- 1 % of the full scale

Repeatability

+/- 0,2%

Display

Viscosity (cP / Poises or mPa.s / Pa.s)
Speed – Shear rate – Torque (% - mNm) –
Shear stress - Time – Temperature

Languages

French/English/Russian/Spanish/Turkish/
German/Italian/Korean/Portuguese/Ukrainian

Supply voltage

90-240 VAC 50/60 Hz

Analog output

4 - 20 mA

PC connections

RS232, USB and
Ethernet

Printer

connection
USB Host Port -
Compatible PCL/5

Dimensions and weight

Head: D115 x H243 x W138 mm
Stand: L340 x W305 x H70 mm
Stainless steel rod: Length 500 mm
Weight: 6.1 kg