RM 100 PLUS

Our most
modular viscometer

The RM100 PLUS is the viscometer with largest speed and torque range available on market. Create your methods and store your results in relation with your application.

FEATURES AND BENEFITS

- Speed or shear rate control.
- Huge speed and torque range.
- Direct control of temperature unit.
- Programming and recording method.
- 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.

WHAT'S INCLUDED WITH DEVICE ?

(according to part number)

- 1 Integrated temperature probe.
- 1 Standard stand or rack stand **(p68)**.
- 1 Touch screen stylus.
- 1 User manual.
- 1 Calibration and checking certificate.
- 1 Microfiber cloth.

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 (p72-79). Not Included.*

LAMY RHEOLOGY INSTRUMENTS

www.lamyrheology.com

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	**Repeatability**
+/- 1 % of the full scale	+/- 0,2%

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

Norms
ASTM : D115 ; D789 ; D1076 ; D1084 ; D1337 ; D1338 ; D1417; D1439 ; D1824 ; D2196 ; D2243 ; D2364 ; D2556 ; D3288 ; D3468 ; D3716 ; D3730 ; D3794 ; D4016 ; D4143 ; D4878 ; D4889 ; D5324 ; D5400 ; D6279 ; D6577 ; D7394 ; D8020 ; E2975 ; F1607 ; **BS** 5350 ; **DIN** 2555 ; 3219 ; 52007-1 ; 53019-1; 54453 ; **EN** 302-7 ; 2555 ; 3219 ; 10301 ; 12092 ; 12802 ; 15425 ; 15564 ; **IOCCC** 2000 ; **ISO** 1652 ; 2555 ; 2884-2 ; 3219; 10364-12

Languages
French/English/Russian/Spanish/Turkish/German

Supply voltage	**Analog output**
90-240 VAC 50/60 Hz	4 - 20 mA
PC connections	**Printer connection**
RS232 Port and USB	USB Host Port - Compatible PCL/5

Dimensions and weight
Head: D180 x H230 x W130 mm
Aluminium stand: L280 x W200 x H30 mm
Stainless steel rod: Length 500 mm
Weight: 6.7 kg

COMPATIBLES MEASURING SYSTEMS

MS-RV (p75), **MS-LV (p75)**, **MS-BV (p76)**, **MS-VANES (p77)**, **MS-KREBS (p77)**, **MS-SV (p79)**, **MS-ULV (p78)**, **MS-DIN (p72)**, **MS-R (p74)**.

COMPATIBLES TEMPERATURE CONTROLS

EVA LR (p60), **EVA MS DIN (p58)**, **RT-1 PLUS (p61)**, **EVA MS-R (p59)**.

OPTIONS & ACCESSORIES +

- Carrying case **(p68)**.
- External temperature probe -50°C to +300°C **(p69)**.
- HELIPRO stand **(p66)**.
- Barcode reader with stand and cable **(p68)**.
- Bayonet spindle rack **(p69)**.
- Touch screen protector **(p68)**.

- Viscosity standards oil **(p69)**.
- Dymo printer **(p68)**.
- Small volume package **(p67)**.
- THERMOCELL package **(p61)**.
- RheoTex software **(p64-65)**.