

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 function.
- 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 (p76-83). Not Included.

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

1 Integrated temperature probe / 1 Standard stand or rack stand (p70) / 1 Touch screen stylus / 1 User manual / 1 Calibration and checking certificate / 1 Microfiber cloth.

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COMPATIBLES MEASURING SYSTEMS

MS-RV (p79), MS-LV (p79), MS-BV (p80),
MS-VANES (p81), MS-KREBS (p81), MS-SV
(p83), MS-ULV (p82), MS-DIN (p76), MS-R (p78).



COMPATIBLES TEMPERATURE CONTROLS

EVA LR (p62), EVA MS DIN (p60),
RT-1 PLUS (p63), EVA MS-R (p61).



OPTIONS & ACCESSORIES

- Carrying case (p70).
- External temperature probe (p71).
- HELIPRO stand (p66).
- Barcode reader (p70).
- Bayonet spindle rack (p71).
- Touch screen protector (p70).
- Viscosity standards oil (p71).
- Dymo printer (p70).
- Small volume package (p68-69).
- THERMOCELL package (p67).
- RheoTex software (p72-73).
- GuardLeg (p71).



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

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/Italian

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



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