

RM 200 PLUS

/ The rheology
at your fingertips /



FEATURES AND BENEFITS

- Constant, Multistep or ramp method.
- Direct analysis with regressions.
- Direct control of temperature unit.
- Huge viscosity range.
- Speed or shear rate control.
- 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.
- LIMS function.
- QC limits function.

AVAILABLE INSTRUMENTS

Reference	Designation	Viscosity range (mPa.s)
N200000	RM 200 PLUS RHEOMETER (with standard stand)	1 to 780M*
N200009	RM 200 PLUS RHEOMETER (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).
- Small volume package (p68-69).
- THERMOCELL package (p67).
- Bayonet spindle rack (p71).
- Barcode reader (p70).
- Touch screen protector (p70).
- Dymo printer (p70).
- Viscosity standards oil (p71).
- RheoTex software (p72-73).
- GuardLeg (p71).



SPECIFICATIONS

Type of instrument

Rotating springless rheometer 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

What benefits are there for you?

Save your flow curves and calculate your rheological parameters directly without computer (Plastic viscosity, flow limit, regression model according to Newton, Bingham, Casson and Ostwald). Choose your attachment system tailored to your product constraints.

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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