

# RM 200 PLUS

The rheology  
at your fingertips



Thanks to its large storage capacity and its easy programming, the rheometer RM200 PLUS allows you to realize all your measurements of flow curves, yield point, thixotropic, analysis without software.

## FEATURES AND BENEFITS

- Ramp programming.
- Direct analysis with regressions.
- Direct control of temperature unit.
- Huge viscosity range.
- Speed or shear rate control.
- 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)

- MS-R measuring system (p74).
- 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)
N200000	RM 200 PLUS RHEOMETER (with standard stand)	1 to 780M*
N200009	RM 200 PLUS RHEOMETER (with rack stand)	1 to 780M*
N200110	RM 200 PLUS RHEOMETER with MS-R2-3-4 (with standard stand)	12 to 120M
N201000	RM 200 PLUS RHEOMETER with MS-R1 to MS-R5 (with standard stand)	12 to 475M

M for million / \* According to measuring system (p72-79). Not included.

## 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 – %- 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

90-240 VAC 50/60 Hz

### Analog output

4 – 20 mA

### PC connections

RS232 Port and USB

### 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

## 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).
- Small volume package (p67).
- THERMOCELL package (p61).
- Bayonet spindle rack (p69).
- Barcode reader with stand and cable (p68).
- Touch screen protector (p68).
- Dymo printer (p68).
- Viscosity standards oil (p69).
- RheoTex software (p64-65).