

RM 200 PLUS



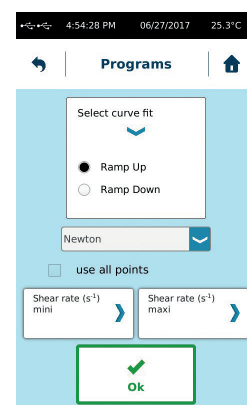
AC265 coupling

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, curve fitting without software.

FEATURES AND BENEFITS

- Ramp programming.
- Direct analysis with regressions.
- Direct control of temperature unit.
- Huge viscosity range.
- 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.



SPECIFICATIONS

Type of instrument

Rotating springless rheometer with imposed speeds and 7" Touch screen

Rotation speeds

Unlimited number of speeds between 0.3 and 1500 rpm

Torque range

From 0.05 to 30 mNm

Temperature

The RM 200 PLUS has a PT100 sensor which indicates temperatures between -50 °C to + 300 °C

Accuracy

+/- 1 % of the full scale

Repeatability

+/- 0,2 %

Display

Viscosity – Speed – Torque – Shear stress – Time – Temperature Choice of viscosity units: cP/Poises or mPa.s / Pa.s – Shear rate

Security and confidentiality

An «operator» function allows you to enter a username for your instrument. This user must then be identified using a 4-digit code. There is also a protected mode that locks your measurement conditions.

Language

French/English/Russian/Spanish

Compatible measuring system

MS DIN, MS ASTM, MS BV, MS VANE, MS R, MS HT, MS ULV, MS SV, MS CP

Compatible temperature control

EVA DIN, EVA MS-R, EVA LR-BV, RT1, RT3, CP1

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, Thixotropy, Regression model according to Newton, Bingham, Casson and Ostwald). Choose your attachment system tailored to your product constraints.

Carry case

Included

Options

- Software RheoTex (PN N311000 + license PN N311200)

Dimensions and weight

Head: L180 x W135 x H250 mm
Hardened steel stand: L280 x W200 x H30 mm
Stainless steel rod: Length 500 mm
Weight: 6.7 kg

ACTIVITY DOMAINS



Food Industry



Cosmetics pharmaceuticals



Paint / ink / coatings



Chemical / petroleum products



Car industry



Building materials



Teaching



Chocolate

AVAILABLE INSTRUMENTS :

Part Number Instrument	Designation Instrument	Viscosity range (mPa.s)
N200000	RM 200 PLUS RHEOMETER (standard stand)	1 to 780M*
N200002	RM 200 PLUS RHEOMETER (without stand)	1 to 780M*
N200110	RM 200 PLUS RHEOMETER with MS-R 2-3-4 measuring system in case (standard stand)	12 to 120M
N200115	RM 200 PLUS AC115 RHEOMETER (without stand)	2 to 90M**
N201000	RM 200 PLUS RHEOMETER with MS-R1 to 5 measuring system in case (standard stand)	12 to 475M
N203000	RM 200 PLUS AC265 RHEOMETER (without stand)	1 to 28M***

M for millions, K for thousand * According to measuring system ** With MS HT. Not included. *** With MS CP. Not included.

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