



RM 200 CP4000 PLUS

RHEOMETERS

The motorized lift of the RM200 CP4000 PLUS allows a fast and repeatable installation of cone and plate measuring systems guaranteeing reliable rheological measurements whatever your application.



Temperature range -20°C to 300°C (according to models).
Automatic adjustment of measuring gap.
Low volume measurement.
High shear rate (up to 20000 s⁻¹).
Removable lower plate.
Quick attachment with AC265 coupling.

RM 200 CP4000 PLUS

Activity domains



Teaching



Cosmetics pharmaceuticals



Paint / ink / coatings



Car industry



Chocolate



Food Industry



Chemical / petroleum products



Building materials



Lower plate 60 mm included with RM 200 CP4000 PLUS



Optional Lower plate 40 mm (PN 265140)

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

Temperature range from -20°C to +300 °C (according to models)

Accuracy

+/- 1 % of the full scale

Repeatability

+/- 0,2 %

Display

Viscosity – Speed – Torque – 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 CP

Supply voltage

90-240 VAC 50/60 Hz

Analog output

4 – 20 mA

PC connections

Port RS232 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 models according to Newton, Bingham, Casson and Ostwald) . Choose your attachment system tailored to your product constraints.

Option

Software (PN 311002)

Dimensions and weight

Head: L180 x W135 x H250 mm

CP 4000 : D610 x W340 x H650 mm

Weight: 22 kg

Available instruments :

Part Number Instrument	Designation Instrument
N240250	RM 200 CP4000 PLUS RHEOMETER PELTIER AIR-AIR (+10 to + 70 °C)
N240251	RM 200 CP4000 PLUS RHEOMETER PELTIER AIR-AIR (+10 to + 70°C) with programmer
N240600	RM 200 CP4000 PLUS RHEOMETER PELTIER AIR-AIR (+10 to +100°C)
N240601	RM 200 CP4000 PLUS RHEOMETER PELTIER AIR-AIR (+10 to +100°C) with programmer
N240800	RM 200 CP4000 PLUS RHEOMETER liquid peltiers (-20 to + 100 °C)
N240801	RM 200 CP4000 PLUS RHEOMETER liquid peltiers (-20 to + 100 °C) with programmer
N240900	RM 200 CP4000 PLUS H RHEOMETER (Room to +300°C)
N240901	RM 200 CP4000 PLUS H RHEOMETER (Room to +300°C) with programmer

Tel : +33 (0)4 78 08 54 06
Fax : +33 (0)4 78 08 69 44
contact@lamyrheology.com

www.lamyrheology.com

11 A, rue des Aulnes
69410 Champagne au Mont d'Or
France

