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CP-4000

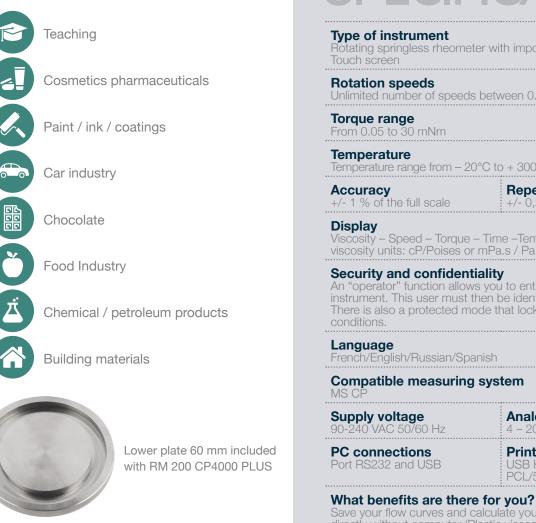
RHEOLOGY

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.

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Optional Lower plate 40 mm (PN 265140)

RM 200 CP4000 PLUS

Rotating springless rheometer with imposed speeds and 7"

Unlimited number of speeds between 0.3 and 1500 rpm

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

Accuracy	Repeatability
+/- 1 % of the full scale	+/- 0,2 %

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

Compatible measuring system

Analog output 4 – 20 mA
 Printer connection USB Host Port - Compatible

PCL/5

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

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