



# RM 100 CP2000 PLUS VISCOMETERS

Cone and plate measuring systems are adapted for samples in limited quantities and difficult to clean. With maximum shear rate up to 20,000 s<sup>-1</sup>, the RM100 CP2000 PLUS will fit all your applications.



New tool for gap setting.

High shear rate (up to 20000 s<sup>-1</sup>).

Removable lower plate.

Quick attachment with AC265 coupling.

# RM 100 CP2000 PLUS

## SPECIFICATIONS

### Activity domains



Paint / ink / coatings



Chemical / petroleum products



Food Industry



Cosmetics pharmaceuticals



Car industry



Building materials



Teaching



Lower plate 60 mm included with RM 100 CP2000 PLUS



Optional Lower plate 40 mm (PN 265140)

#### Type of instrument

Cone-plate rotating springless viscometer 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

The temperature range of the use is from - 20 °C to + 300 °C according to models

#### Accuracy

+/- 1 % of the full scale

#### Repeatability

+/- 0,2 %

#### Display

Viscosity – Speed – Torque – Time –

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 for both supplies

#### Analog output

4 – 20 mA

#### PC connections

RS232 Port and USB

#### Printer connection

USB Host Port - Compatible PCL/5

#### Option

Software (PN 311003)

#### Dimensions and weight

Head: L180 x W135 x H250 mm

Stand for CP 2000: D610 x W340 x H650 mm

Weight: 22 kg

### Available instruments :

Part Number Instrument	Designation Instrument
N170000	RM 100 CP2000 PLUS VISCOMETER Peltier air-air (+10 to +70°C)
N170100	RM 100 CP2000 PLUS VISCOMETER Peltier air-air (+10 to +70°C) with programmer
N170200	RM 100 CP2000 PLUS VISCOMETER with liquid Peltier (-20 to +100°C)
N170300	RM 100 CP2000 PLUS VISCOMETER with liquid Peltier (-20 to +100°C) with programmer
N170400	RM 100 CP2000 PLUS H VISCOMETER (Room to +300°C)
N170500	RM 100 CP2000 PLUS H VISCOMETER (Room to +300°C) with programmer
N170800	RM 100 CP2000 PLUS VISCOMETER Peltier air-air (+10 to +100°C)
N170900	RM 100 CP2000 PLUS VISCOMETER Peltier air-air (+10 to +100°C) + programmer

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