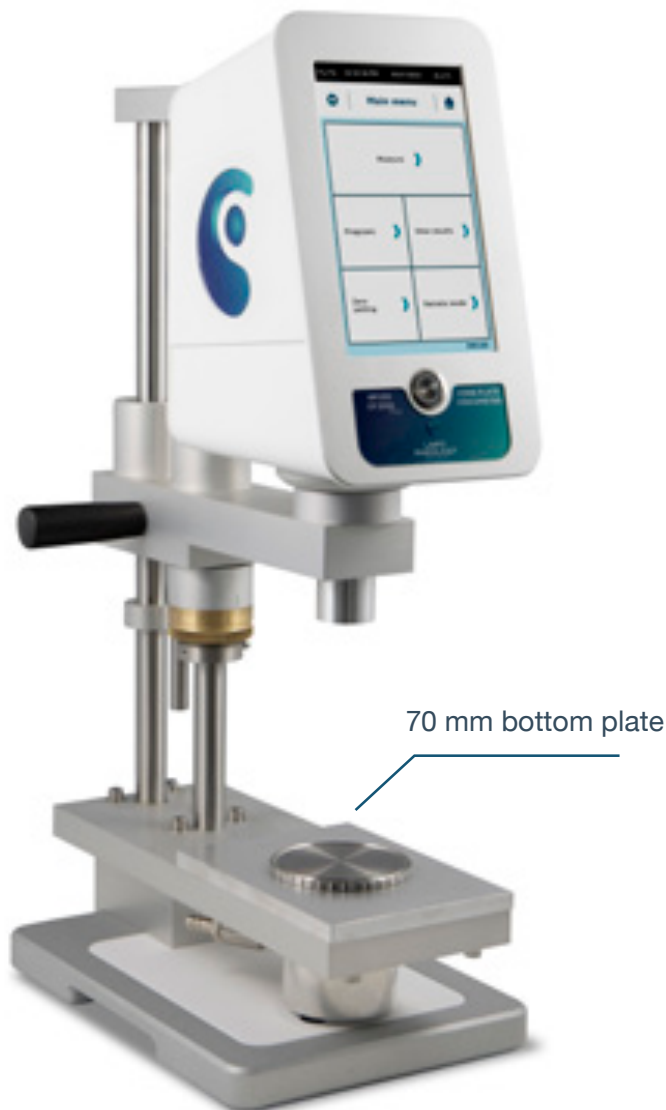# RM 100 CP 1000 PLUS

Cone plate viscometer
for **ICI method**

Equipped with a fluid circulation for temperature control (bath not included), the RM100 CP1000 PLUS will allow you to perform cone-plate and beaker measurements using the MS RV, MS VANE or MS KREBS mobiles.

70 mm bottom plate

FEATURES AND BENEFITS

- CP1000 stand for cone plate measurement.
- Quick attachment with AC265 coupling.
- Manual lift for gap adjustment.
- 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 ?

- 1 Stand with 70mm bottom plate.
- 1 Double rod with stop ring and adjusting gap.
- 2 Silicon pipe (1m).
- 1 Integrated temperature probe.
- 1 Touch screen stylus.
- 1 User manual.
- 1 Calibration and checking certificate.
- 1 Microfiber cloth.

AVAILABLE INSTRUMENT

Reference	Designation	Viscosity range (mPa.s)
N100365	RM 100 CP1000 CONE PLATE VISCOMETER (+5°C to +65°C)*	1 to 1900M **

*M for million / * Maximum temperature range with water circulating bath (not included). / ** According to MS CP spindle (p80) not included.*

RM 100 CP 1000 PLUS

SPECIFICATIONS

Type of instrument
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 Probe
Equipped with a PT100 sensor which indicates temperatures between -50°C to +300°C

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

Display
Viscosity (cP/Poises or mPa.s / Pa.s)
Speed – Shear rate – Torque – %- Shear stress - Time – Temperature

Norms
ASTM : D4287 ; **BS** 3900 ; **DIN** 3219 ; 52007-1 ; 53019-1 ; 54453 ; **ISO** 2884; 3219 ; 10364-12

Languages
French/English/Russian/Spanish/Turkish/German

Supply voltage	**Analog output**
90-240 VAC 50/60 Hz	4 – 20 mA
PC connections	**Printer connection**
RS232 Port and USB	USB Host Port - Compatible PCL/5

Dimensions and weight
D320 x H550 x W200 mm
Weight: 14 kg

COMPATIBLES MEASURING SYSTEMS

MS CP (p80), MS-RV (p75)*, MS-VANES (p77)*, MS-KREBS (p77)*, (* with adaptor Ref. 800146).

RM 100 CP 1000
+ MS-KREBS

OPTIONS & ACCESSORIES +

- Barcode reader with stand and cable **(p68).**
- Touch screen protector **(p68).**
- Viscosity standards oil **(p69).**

- Dymo printer **(p68).**
- RheoTex software **(p64-65).**
- Protection cover **(Ref. 121019).**