CONE PLATE VISCOMETER RM 100 CP-2000 PLUS

The viscometer dedicated for cone-plate measurements

FEATURES AND BENEFITS

- For cone plate measurement.
- Quick attachment with AC265 coupling.
- Speed or shear rate control.
- Huge speed and torque range.
- Direct control of temperature unit.
- Inbuilt software for programming.
- 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.
- Multistep method.
- LIMS and MODBUS functions.
- QC limits function.

AVAILABLE INSTRUMENTS

Reference	Designation	Viscosity range (mPa.s)
N170000	RM 100 CP-2000 PLUS VISCOMETER AIR PELTIER (+10°C to +70°C)	
N170100	RM 100 CP-2000 PLUS VISCOMETER AIR PELTIER (+10°C to +70°C) WITH PROGRAMMER*	
N170200	RM 100 CP-2000 PLUS VISCOMETER LIQUID PELTIER** (-20°C to +100°C)	
N170300	RM 100 CP-2000 PLUS VISCOMETER LIQUID PELTIER** (-20°C to +100°C) WITH PROGRAMMER*	1 to 190M (according to spindles MS CP (p84))
N170400	RM 100 CP-2000 PLUS VISCOMETER (Room T°C to +300°C)	
N170500	RM 100 CP-2000 PLUS VISCOMETER (Room T°C to +300°C) WITH PROGRAMMER*	
N170800	RM 100 CP-2000 PLUS VISCOMETER AIR PELTIER (0°C to +150°C)	
N170900	RM 100 CP-2000 PLUS VISCOMETER AIR PELTIER (0°C to +150°C) WITH PROGRAMMER*	

*M for million / * Allow temperature setting by measuring head or RheoTex software. / ** Water circulating bath required. Not included.*

WHAT'S INCLUDED WITH DEVICE ? *(according to part number)*

1 Temperature unit with 70mm bottom plate / 1 User manual / 1 Calibration and checking certificate

LAMY RHEOLOGY INSTRUMENTS

COMPATIBLES MEASURING SYSTEMS

MS-CP, MS-PP*,

(*with accessories 100047)

OPTIONS & ACCESSORIES

• Barcode reader.

• Touch screen protector.

• Viscosity standards oil.

• Printer.

• RheoTex software.

• Protection cover (Ref. 121019).

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 (% - mNm) – Shear stress - Time – Temperature

Languages
French/English/Russian/Spanish/Turkish/German/Italian/Korean/Portuguese/Ukrainian

Supply voltage	Analog output
90-240 VAC 50/60 Hz	4 – 20 mA

PC connections	Printer connection
RS232, USB and Ethernet	USB Host Port - Compatible PCL/5

Dimensions and weight
D610 x H700 x W340 mm
Weight: 22 kg