

# RM 100 PLUS



## Our most modular viscometer

The RM100 PLUS is the viscometer with largest speed and torque range available on market. Create your methods and store your results in relation with your application.



Programming and saving of methods.

PT 100 temperature probe included.

Wide torque and speed range.

Data memorization and transfer.

Available in standard and high sensitivity versions.

# RM100 PLUS

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## Activity domains



Food Industry



Cosmetics pharmaceuticals



Paint / ink / coatings



Chemical / petroleum products



Car industry



Building materials



Teaching



Rack stand in option

## 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**

Standard Version : 0.05 to 30 mNm

LR Version : 0.005 to 0.8 mNm

**Temperature**

The RM 100 PLUS has a PT100 sensor which indicates temperatures between -50 °C to + 300 °C

**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 you 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 DIN, MS ASTM, MS BV, MS VANE, MS R, MS HT, MS ULV, MS SV, MS CP

**Compatible temperature control**

EVA DIN, EVA MS-R, EVA LR-BV, RT1, RT3, CP1

**Supply voltage**

90-240 VAC 50/60 Hz

**Analog output**

4 - 20 mA

**PC connections**

RS232 Port and USB

**Printer connection**

USB Host Port - Compatible PCL/5

**Options**

Carry case (PN 100500)

Rack stand (PN P008000)

Software (PN 311003)

**Dimensions and weight**

Head: L180 x W135 x H250 mm

Hardened steel stand: L280 x W200 x H30 mm

Stainless steel rod: Length 500 mm

Weight: 6.7 kg

## Available instruments :

Part Number Instrument	Designation Instrument
N100000	RM 100 PLUS VISCOMETER
N100115	RM 100 PLUS AC115 VISCOMETER
N100120	RM 100 PLUS VISCOMETER WITH MS-R 2-3-4 IN CASE
N100265	RM 100 PLUS AC 265 VISCOMETER
N100301	RM 100 PLUS LR VISCOMETER
N102000	RM 100 PLUS VISCOMETER WITH MS-R1 TO 5 IN CASE
N104000	RM 100 PLUS VISCOMETER without stand
N104800	RM 100 PLUS LR VISCOMETER without stand