



# RM 100 PLUS VISCOMETERS

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.

## SPECIFICATIONS

### Activity domains



Food Industry



Cosmetics pharmaceuticals



Paint / ink / coatings



Chemical / petroleum products



Car industry



Building materials



Teaching



Rack stand in option

#### 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