

RM 100 PLUS



Standard stand

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.

FEATURES AND BENEFITS

- Direct control of temperature unit.
- Huge viscosity range.
- 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.



Rack stand

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 – Shear stress – Time – Temperature
Choice of viscosity units: cP/Poises or mPa.s / Pa.s – Shear rate

Norms

ASTM : D115 ; D789 ; D1076 ; D1084 ; D1337 ; D1338 ; D1417 ;
D1439 ; D1824 ; D2196 ; D2243 ; D2364 ; D2556 ; D3288 ;
D3468 ; D3716 ; D3730 ; D3794 ; D4016 ; D4143 ; D4878 ;
D4889 ; D5324 ; D5400 ; D6279 ; D6577 ; D7394 ; D8020 ;
E2975 ; F1607 ; **BS** 5350 ; **DIN** 2555 ; 3219 ; 52007-1 ; 53019-1 ;
54453 ; **EN** 302-7 ; 2555 ; 3219 ; 10301 ; 12092 ; 12802 ;
15425 ; 15564 ; **IOCCC** 2000 ; **ISO** 1652 ; 2555 ; 2884-2 ;
3219 ; 10364-12.

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)
Software RheoTex (PN N311000 + license PN N311100)

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

ACTIVITY DOMAINS



Food Industry



Cosmetics pharmaceuticals



Paint / ink / coatings



Chemical / petroleum products



Car industry



Building materials



Teaching

AVAILABLE INSTRUMENTS :

Part Number Instrument	Designation Instrument	Viscosity range (mPa.s)
N100000	RM 100 PLUS VISCOMETER (standard stand)	1 to 780M*
N100115	RM 100 PLUS VISCOMETER AC115 (without stand)	2 to 90M**
N100120	RM 100 PLUS VISCOMETER with MS-R 2-3-4 in case (standard stand)	12 to 120M
N100265	RM 100 PLUS VISCOMETER AC 265 (without stand)	1 to 28M***
N100301	RM 100 PLUS VISCOMETER LR (standard stand)	1 to 26K****
N102000	RM 100 PLUS VISCOMETER with MS-R1 to 5 in case (standard stand)	12 to 475M
N100009	RM 100 PLUS VISCOMETER (rack stand)	1 to 780M*
N100309	RM 100 PLUS VISCOMETER LR (rack stand)	1 to 26K****

M for Millions, K for thousand

* According to spindle.

** With MS HT. Not included

*** With MS CP. Not included

**** With MS ULV. Not included