

PORTABLE RM 100

With carry case



Laboratory stand in option

Your expertise closer to the product

No matter where, the PORTABLE RM 100 allows you to bring your viscosity measurement methods where your lab can not operate. With programming, memorization, temperature measurement and all measurement systems, all your expertise is moving!

FEATURES AND BENEFITS

- Autonomy more than one hour.
- Charge indicator.
- Direct measure with time to stop.
- Data recording and USB transfer.
- Torque gage on display.
- Usable with standard stand.
- Huge viscosity range.
- Programming and recording method.
- User and locked mode.
- Integrated temperature probe.
- Printer connection.
- Compatible with RheoTex software.

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

The Portable RM 100 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 – Temperature – Shear rate -
Choice of viscosity units: cP/Poises or mPa.s / Pa.s
Charge level indication

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 ; **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 ULV, MS SV

Compatible temperature control

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

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

Carry case

Included

Options

Laboratory stand (PN 112950)
Software RheoTex (PN N311000)
+
license PN N311100)

Dimensions and weight

Head: Ø 85 mm

Height: 310 mm

Box: L265 x W125 x H65 mm

Weight: 2 kg

ACTIVITY DOMAINS



Food Industry



Cosmetics pharmaceuticals



Paint / ink / coatings



Chemical / petroleum products



Car industry



Building materials



Teaching

AVAILABLE INSTRUMENT :

Part Number Instrument	Designation Instrument	Viscosity range (mPa.s)
T100100	PORTABLE RM100 VISCOMETER in carrying case	200 to 240M*

M for million, K for Thousand * With MS ASTM R2 to R7. Not included

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