

PORTABLE RM 100

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closer to
the product /



FEATURES AND BENEFITS

- Autonomy more than one hour.
- Charge indicator.
- Huge speed and torque range.
- Usable with standard or rack stand (option).
- 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.
- Speed or shear rate control.
- Multistep method.
- LIMS function.
- QC limits function

AVAILABLE INSTRUMENTS

Reference	Designation	Viscosity range (mPa.s)
T100100	RM 100 PORTABLE VISCOMETER WITHOUT MEASURING SYSTEM	200(1**) to 240M*

M for million / * With MS-RV (RV2 to RV7) (p79). Not included. / ** Can reach 1 mPa.s with MS DIN19 (p76).

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

- 1 Integrated temperature probe / 1 Carrying case (p70) / 1 Touch screen stylus / 1 User manual.
- 1 Calibration and checking certificate / 1 Microfiber cloth / 1 Harness.

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COMPATIBLES MEASURING SYSTEMS

MS-RV (p79), MS-LV (p79), MS-BV (p80),
MS-VANES (p81), MS-KREBS (p81), MS-SV (p83),
MS-ULV (p82), MS-DIN (p76), MS-R (p78).

COMPATIBLES TEMPERATURE CONTROLS

EVA LR (p62), EVA MS DIN (p60),
RT-1 PLUS (p63), EVA MS-R (p61).

OPTIONS & ACCESSORIES

- Standard or rack stand (p70).
- HELIPRO stand (p66).
- Small volume package (p68-69).
- THERMOCELL package (p67).
- Bayonet spindle rack (p71).
- Barcode reader (p70).
- Touch screen protector (p70).
- Viscosity standards oil (p71).
- Dymo printer (p70).
- RheoTex software (p72-73)



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

+/- 1 % of the full scale

Repeatability

+/- 0,2 %

Display

Viscosity (cP / Poises or mPa.s / Pa.s)
Speed – Shear rate – Torque (% - mNm) –
Shear stress - Time – Temperature

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

Languages

French/English/Russian/Spanish/Turkish/
German/Italian

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

Dimensions and weight

Head : Ø 90 mm
Box D60 x H260 x W120
Weight: 2 kg

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