

# PORTABLE RM 100

Your expertise  
closer to  
the product



No matter where, the RM100 PORTABLE allows you to bring your viscosity measurement methods where your lab can not operate. With programming, memorization, temperature measurement and all measuring systems, all your expertise is moving!

## FEATURES AND BENEFITS

- Autonomy more than one hour.
- Charge indicator.
- Huge speed and torque range.
- Usable with standard or rack stand (option).
- 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.
- Display of viscosity limits according to mobile and speed.
- Speed or shear rate control.

## WHAT'S INCLUDED WITH DEVICE ?

- 1 Integrated temperature probe .
- 1 Carrying case (p68).
- 1 Touch screen stylus.
- 1 User manual.
- 1 Calibration and checking certificate.
- 1 Microfiber cloth.
- 1 Harness.

## AVAILABLE INSTRUMENT

Reference	Designation	Viscosity range (mPa.s)
T100100	RM100 PORTABLE VISCOMETER	200(1**) to 240M*

M for million / \* With MS-RV (RV2 to RV7) (p75). Not included. / \*\* Can reach 1 mPa.s with MS DIN19 (p72). Not included.

## PORTABLE RM 100

## 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 – %- 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

**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

COMPATIBLES  
MEASURING SYSTEMS

MS-RV (p75), MS-LV (p75), MS-BV (p76),  
MS-VANES (p77), MS-KREBS (p77), MS-SV (p79),  
MS-ULV (p78), MS-DIN (p72), MS-R (p74).

COMPATIBLES  
TEMPERATURE CONTROLS

EVA LR (p60), EVA MS DIN (p58),  
RT-1 PLUS (p61), EVA MS-R (p59).

## OPTIONS &amp; ACCESSORIES



- Standard or rack stand (p68).
- HELIPRO stand (p66).
- Small volume package (p67).
- THERMOCELL package (p61).
- Bayonet spindle rack (p69).
- Barcode reader with stand and cable (p68).
- Touch screen protector (p68).
- Viscosity standards oil (p69).
- Dymo printer (p68).
- RheoTex software (p64-65)