

# RM 100 i

/ For viscosity measurement on large volume /



## FEATURES AND BENEFITS

- Industrial measure on large tanker.
- Continuous measurement or with time to stop.
- 4-20 mA output.
- 17m maximum distance between head and box.
- Usable with standard or rack stand.
- Huge viscosity range.
- Inbuilt software for programming.
- External temperature probe (option).
- 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
T220200	RM 100 i IMMERSION INDUSTRIAL VISCOMETER
T220230	RM 100 i IMMERSION INDUSTRIAL VISCOMETER AC115
T220250	RM 100 i IMMERSION INDUSTRIAL VISCOMETER WITH PT100 SENSOR

Measuring systems not included.

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

2m cable between measuring head and box / 1 Touch screen stylus / 1 User manual / 1 Calibration and checking certificate / 1 Microfiber cloth.

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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).



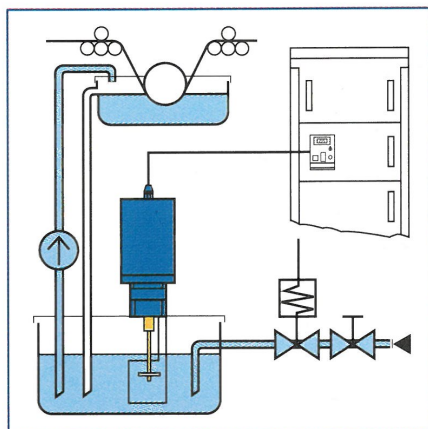
## COMPATIBLES TEMPERATURE CONTROLS

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).
- Barcode reader (p70).
- Touch screen protector (p70).
- Viscosity standards oil (p71) .
- RheoTex software (p72-73).
- Cable extension 5 m (Ref. 113202)  
max 3 unit.



RM 100 i in use.



## 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

### 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

### Application

The RM100 i is dedicated to tank measurements for continuous monitoring of viscosity in production. Its 4-20mA analogue output is used to send the measured value to a central computer. Numerous tailor-made solutions according to the customer configuration for integration into the process (length and height of the plungers, fixing on the cover of the measuring head with sealing,...).

### Languages

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

### Supply voltage

90-240 VAC 50/60 Hz

### Analog output

4 – 20 mA

### PC connections

RS232, USB and  
Ethernet

### Printer connection

USB Host Port -  
Compatible PCL/5

### Dimensions and weight

Head : Ø 95 mm  
Box D140 x H260 x W120  
Weight: 3 kg

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