INDUSTRIEL VISCOMETER 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.
- Included 2m cable (15m optional cable)
- 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 and MODBUS functions.
- 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 User manual / 1 Calibration and checking certificate

LAMY RHEOLOGY INSTRUMENTS

COMPATIBLES MEASURING SYSTEMS

**MS-RV, MS-LV, MS-BV,
MS-VANES, MS-KREBS, MS-SV,
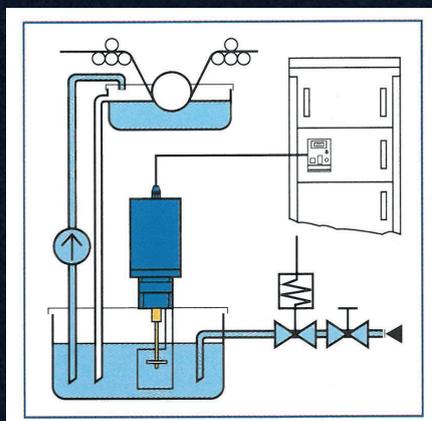MS-ULV, MS-DIN, MS-R.**

COMPATIBLES TEMPERATURE CONTROLS

**EVA LR, EVA MS DIN,
RT-1 PLUS, EVA MS-R.**

OPTIONS & ACCESSORIES

- **Standard or rack stand.**
- **HELIPRO stand.**
- **Small volume package.**
- **THERMOCELL package.**
- **Barcode reader.**
- **Touch screen protector.**
- **Viscosity standards oil.**
- **RheoTex software.**
- **Cable extension 5 m (Ref. 113202) max 3 unit.**

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	**Repeatability**
+/- 1 % of the full scale	+/- 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/Korean/Portuguese/Ukrainian

Supply voltage	**Analog output**
90-240 VAC 50/60 Hz	4 – 20 mA

PC connections	**Printer connection**
RS232, USB and Ethernet	USB Host Port - Compatible PCL/5

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

RM 100 i in use.