

RM 100 i



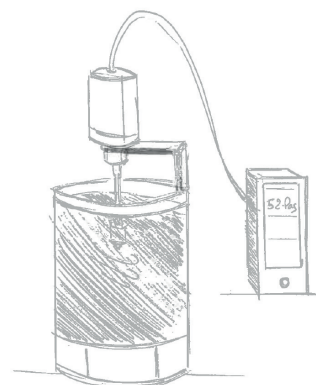
Laboratory stand in option

For viscosity measurement on large volume

The RM100 i is perfectly suited for so-called immersion use, installing it over a tank or on a support for a measurement in a pot. Only the measuring head is above the product, the electronic box can be installed more than 17 meters in a control cabinet with its 4-20mA output.

FEATURES AND BENEFITS

- Industrial measure on large tanker.
- Continuous measurement or with time to stop.
- 4-20 mA output for external control.
- 17m maximum distance between head and box.
- Usable with standard stand.
- Huge viscosity range.
- Programming and recording methods.
- External temperature probe (option).
- Printer connection.
- Compatible with RheoTex software.



SPECIFICATIONS

Type of instrument

Rotating springless viscometer in immersion tank 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 – Speed – Torque – Shear stress – Time – Temperature -
Choice of viscosity units: cP/Poises or mPa.s / Pa.s – Shear rate

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,...).

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

Options

- Laboratory stand (PN 112950)
- Software RheoTex (PN N311000 + license PN N311100)
- PT 100 sensor (- 50°C to + 300 °C) (PN 310126)
- 5 meters extension cable available (maximum 3) (PN 113202)

Dimensions and weight

Head: Diameter 85 mm Height 180 mm

Box: L120 x W145 x H261mm

Weight: 3 kg

ACTIVITY DOMAINS



Food Industry



Cosmetics pharmaceuticals



Paint / ink / coatings



Chemical / petroleum products



Car industry



Building materials



Teaching

AVAILABLE INSTRUMENTS :

Part Number Instrument	Designation Instrument
T220200	RM 100 i IMMERSION INDUSTRIAL VISCOMETER
T220230	RM 100 i AC115 IMMERSION INDUSTRIAL VISCOMETER
T220250	RM 100 i IMMERSION INDUSTRIAL VISCOMETER WITH PT100 SENSOR

Tel : +33 (0)4 78 08 54 06
Fax : +33 (0)4 78 08 69 44
contact@lamyrheology.com

11 A, rue des Aulnes
69410 Champagne au Mont d'Or
France

www.lamyrheology.com