



RM 100 i

INDUSTRIAL VISCOMETERS

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.



Measure on large containers.

Distance 2 m (up to 17m in option) between measuring head and control box.

4/20 mA output for external control.

Activity domains



Food Industry



Cosmetics pharmaceuticals



Paint / ink / coatings



Chemical / petroleum products



Building materials



Car industry



Teaching



Laboratory stand in option

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 – Time – Temperature - Choice of viscosity units: cP/Poises or mPa.s / Pa.s – Shear rate

Security and confidentiality

An «operator» function allows you to enter a username for your instrument. This user must then be identified using a 4-digit code. There is also a protected mode that locks your measurement conditions.

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 (PN 311003)
- 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

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