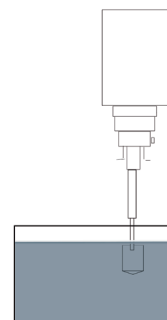**NEURTEK** instruments

INDUSTRIAL VISCOMETERS

RM 100 i

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 15 meters in a control cabinet with its 4-20mA output.

+

Measure on large containers.

Distance up to 2 m between measuring head and control box.

4/20 mA output for external control.

NEURTEK S.A.   *T. +34 943 82 00 82*   info@neurtek.com   **www.neurtek.com**

NEURTEK
instruments

RM 100 i

SPECIFICATIONS

Activity domains

- Food Industry
- Cosmetics pharmaceuticals
- Paint / ink / coatings
- Chemical / petroleum products
- Building materials
- Car industry
- Teaching

Laboratory stand in option

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	**Repeatability**
+/- 1 % of the full scale	+/- 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	**Analog output**
90-240 VAC 50/60 Hz	4 – 20 mA

PC connections	**Printer connection**
RS232 Port and USB	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