

# VISCOMETER

## RM100 L TOUCH

Production line viscometer

THE RM 100 L TOUCH CAN BE INSTALLED DIRECTLY ON YOUR PRODUCTION LINES; ITS MAGNETIC COUPLING PRINCIPLE PROVIDES THE PERFECT SEAL.



### ACTIVITY DOMAINS



FOOD INDUSTRY



COSMETICS PHARMACY



PAINT / INK / COATINGS



CHEMICAL / PETROLEUM PRODUCTS



BUILDING MATERIALS

THE DISTANCE BETWEEN MEASURING HEAD AND THE BOX BEING FROM 5 TO 15 METERS, THE RM 100 L TOUCH FIT PERFECTLY TO YOUR VARIOUS LOCATIONS. THIS INSTRUMENT HAS A 4.20 MA ANALOG SIGNAL THAT MEANS YOUR MEASUREMENTS CAN BE CONTINUOUSLY MONITORED.

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## SPECIFICATIONS

<b>TYPE OF INSTRUMENT</b>	Rotating viscometer on the production line
<b>ROTATION SPEEDS</b>	Unlimited number of speeds between 5 and 600 rpm
<b>TORQUE RANGE</b>	From 0.05 to 20 mNm
<b>TEMPERATURE</b>	An external PT 100 sensor can be connected to the RM 100 L TOUCH for readings between -20°C to 100°C (sensor not included).
<b>ACCURACY</b>	+/- 1 % of the full scale
<b>REPEATABILITY</b>	+/- 0.2 %
<b>VISCOSITY RANGE</b>	1 - 500,000 mPa·s depending on the measuring geometry.
<b>DISPLAY</b>	7" Touch screen
<b>DISPLAY SETTINGS</b>	Viscosity - Speed - Torque - Time - Measuring geometry - Level of sensitivity Temperature (if sensor connected) - Date/hour - Choice of viscosity units: cP or mPa·s Language: French/English
<b>SECURITY AND CONFIDENTIALITY</b>	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.
<b>SUPPLY VOLTAGE</b>	90-240 VAC 50/60 Hz
<b>ANALOG OUTPUT</b>	4 - 20 mA / Torque range to be defined by user
<b>PC CONNECTIONS</b>	RS232 Port and USB
<b>PRINTER CONNECTION</b>	USB Host Port
<b>WHAT BENEFITS ARE THERE FOR YOU?</b>	Carry out your rheological curves continuously on your production line. No disassembly required for the RM 100 L TOUCH during the cleaning phases of your production lines
<b>DIMENSIONS AND WEIGHT</b>	Head: Diameter 85 mm Height 312 mm Box: L120 x W145 x H261mm Weight: 4 kg

## OPTIONAL MEASURING GEOMETRIES

- Bobs MK-24 / MK-30 / MK-31 / MK-2015
- Installation cell CD75 / LD75 / CD50 / LD100 / CD25