

VISCOMETER

RM100 i TOUCH

Industrial viscometer

THE RM 100 i TOUCH GUARANTEES INDUSTRIAL MEASUREMENTS IDENTICAL TO IN A LABORATORY IN IMMERSION TANKS.



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 i TOUCH FIT PERFECTLY TO YOUR VARIOUS LOCATIONS. THIS INSTRUMENT HAS A 4.20 MA ANALOG SIGNAL THAT MEANS YOUR MEASUREMENTS CAN BE CONTINUOUSLY MONITORED.

VISCOMETER

SPECIFICATIONS

TYPE OF INSTRUMENT	Rotating viscometer in immersion tank
ROTATION SPEEDS	Unlimited number of speeds between 0.3 and 1500 rpm
TORQUE RANGE	From 0.05 to 20 mNm
TEMPERATURE	The RM 100 i TOUCH can be equipped with an optional PT100 sensor which indicates temperatures between -50 °C to + 300 °C.
ACCURACY	+/- 1 % of the full scale
REPEATABILITY	+/- 0.2 %
VISCOSITY RANGE	1 - 540,000,000 mPa·s depending on the measuring geometry.
DISPLAY	7" Touch screen
DISPLAY SETTINGS	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
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.
SUPPLY VOLTAGE	90-240 VAC 50/60 Hz
ANALOG OUTPUT	4 - 20 mA / Torque range to be defined by user
PC CONNECTIONS	RS232 Port and USB
PRINTER CONNECTION	USB Host Port
WHAT BENEFITS ARE THERE FOR YOU?	Save your measurement protocols directly on your viscometer. You can connect a USB printer. External control thanks to the optional VISCO RM software.
DIMENSIONS AND WEIGHT	Head: Diameter 85 mm Height 180 mm Box: L120 x W145 x H261mm Weight: 3 kg

OPTIONAL MEASURING GEOMETRIES

- Spindles L 1 to 4
- Spindles R 1 to 7
- Measuring system MS DIN 1 to 3
- Measuring system MS BV 1 to 1000
- Measuring system FANN R1-B1
- Measuring system MS-R 1 to 5