



RM 100 L

INDUSTRIAL VISCOMETERS

The online viscosity measurement of the RM100 L guarantees continuous control for immediate action in production. Whatever the flow rate, the viscosity or the diameter of your pipe, this viscometer will be able to adapt by guaranteeing you a measurement according to laboratory's norms.



Online measurement of viscosity.

Guaranteed tightness by magnetic training.

Distance up to 15 m between measuring head and control box.

4/20 mA output for external control.

SPECIFICATIONS

Activity domains



Food Industry



Cosmetics pharmaceuticals



Paint / ink / coatings



Chemical / petroleum products



Waterproof Fibox case in option

Type of instrument

Rotating springless viscometer on the production line with 7" Touch screen

Rotation speeds

Unlimited number of speeds between 5 and 600 rpm

Torque range

From 0.25 to 13 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

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

- Software (PN 311003)
- Waterproof Fibox case (PN 400081)

Dimensions and weight

Head: Diameter 85 mm Height 312 mm
Box: L120 x W145 x H261mm
Weight: 4 kg

Available instruments :

Viscometer delivered with electronic box, measuring head and measuring cup. Need to be ordered with cylinder and cell.

Designation viscometer	Part Number Viscometer	Compatible cylinder	Part Number Cylinder	Compatible cell ^{a)}	Part Number (Cell)	SMS flange (mm)	Flow rate (m ³ /h)	Viscosity range (mPa.s)
RM 100 L Short	T220330	MS DIN 2015	121065	CD25	121038	25	0.03 to 0.12	1k to 0.67M
				CD38	121057	38	0.05 to 0.5	
				CD50	121035	51	0.1 to 1	
				CD75	121034	76	0.5 to 2	
				LD75	121033	76	6 to 8	
RM 100 L Standard	T220300 or T220350 with Fibox case	MS DIN 24	121036	CD25	121038	25	0.03 to 0.12	230 to 0.3M
				CD38	121057	38	0.05 to 0.5	
				CD50	121035	51	0.1 to 1	
				CD75	121034	76	0.5 to 2	
				LD75	121033	76	6 to 8	
		MS DIN 30	121026	CD25	121038	25	0.03 to 0.12	56 to 81K
				CD38	121057	38	0.05 to 0.5	
				CD50	121035	51	0.1 to 1	
				CD75	121034	76	0.5 to 2	
				LD75	121033	76	6 to 8	
RM 100 L Long	T220320	MS DIN 31.5	121060	LD100	121032	104	10 to 14	5 to 29K
				LD100	121032	104	10 to 14	
				CD75	121034	76	0.5 to 2	

M for millions, K for thousand

a) CD for Bended Cell and LD for Straight Cell

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