

RM 100 L



The viscometer in line with your process

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.

FEATURES AND BENEFITS

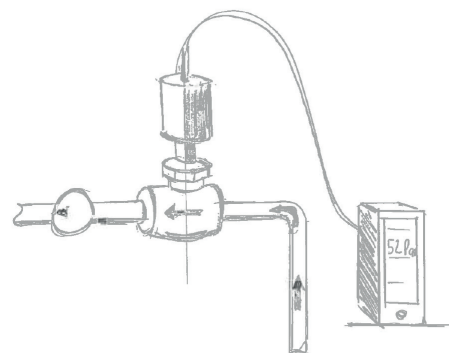
- Industrial on-line measurement.
- Continuous measurement or with time to stop.
- 4-20 mA output for external control.
- Magnetic bearing for sealing.
- 15m maximum distance between head and box.
- Huge viscosity range.
- Programming and recording methods.
- External temperature probe (option).
- Printer connection.
- Compatible with RheoTex software.



Bended Cell CD25
(PN 121038)



Straight Cell LD100
(PN 121032)



SPECIFICATIONS

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 0.5 to 13 mNm

Accuracy

+/- 1 % of the full scale

Repeatability

+/- 0,2 %

Display

Viscosity – Speed – Torque – Shear stress – Time – Temperature
Choice of viscosity units: cP/Poises or mPa.s / Pa.s – Shear rate

Norms

DIN : 3219 ; 52007-1 ; 53019-1 ; 54453 ; EN 3219 ; ISO 1652 ; 3219.

Application

The RM100 L is dedicated to on-line measurements for continuous monitoring of viscosity in production. Its 4-20mA analogue output is used to send the measured value to a central computer. Numerous tailor-made solutions according to customer configuration for process integration.

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 RheoTex (PN N311000 + licence PN N311100)
- Waterproof Fibox case (PN 400081)

Dimensions and weight

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

ACTIVITY DOMAINS



Food Industry



Cosmetics pharmaceuticals



Paint / ink / coatings



Chemical / petroleum products

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	
				LD100	121032	104	10 to 14	
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	
				LD100	121032	104	10 to 14	
		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	
				LD100	121032	104	10 to 14	
RM 100 L Long	T220320	MS DIN 31.5	121060	LD100	121032	104	10 to 14	5 to 29K
				CD75	121034	76	0.5 to 2	

M for millions, K for thousand a) CD for Bended Cell and LD for Straight Cell

Tel : +33 (0)4 78 08 54 06
Fax : +33 (0)4 78 08 69 44
contact@lamyrheology.com

11 A, rue des Aulnes
69410 Champagne au Mont d'Or
France

www.lamyrheology.com