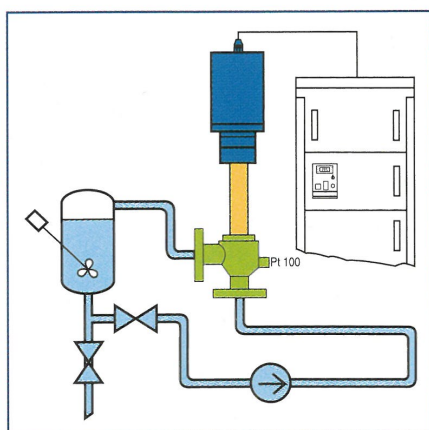


# RM 100 L

/ The viscometer in line  
with your process /



RM 100 L in use.

## WHAT'S INCLUDED WITH DEVICE ? *(according to part number)*

15m cable between measuring head and box / 1 Touch screen stylus / 1 User manual / 1 Calibration and checking certificate / 1 Microfiber cloth.

## FEATURES AND BENEFITS

- Industrial on-line measurement.
- Continuous measurement or with time to stop.
- 4-20 mA output.
- Magnetic bearing for sealing.
- 30m maximum distance between head and box.
- Huge viscosity range.
- Inbuilt software for programming.
- External temperature probe (option).
- Printer connection.
- Compatible with RheoTex software.
- Display of viscosity limits according to mobile and speed.
- Speed or shear rate control.
- Multistep method.
- LIMS function.
- QC limits function

## OPTIONS & ACCESSORIES

- Touch screen protector (p70).
- Viscosity standards oil (p71).
- RheoTex software (p72-73).
- Cable extension 5 m (Ref. 113202) max 3 units.
- Measuring cylinder and cell (see table next page).

# RM 100 L



## SPECIFICATIONS

**Type of instrument**  
Rotating springless viscometer with 7" Touch screen

**Rotation speeds**  
Unlimited number of speeds between 5 and 600 rpm

**Torque range**  
From 0.5 to 13 mNm

<b>Accuracy</b> +/- 1 % of the full scale	<b>Repeatability</b> +/- 0,2 %
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**Display**  
Viscosity (cP / Poises or mPa.s / Pa.s)  
Speed – Shear rate – Torque (% - mNm) – Shear stress  
- Time – Temperature

**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.

**Languages**  
French/English/Russian/Spanish/Turkish/German/Italian

<b>Supply voltage</b> 90-240 VAC 50/60 Hz	<b>Analog output</b> 4 – 20 mA
<b>PC connections</b> RS232, USB and Ethernet	<b>Printer connection</b> USB Host Port - Compatible PCL/5

**Dimensions and weight**  
Head : Ø 100 mm  
Box D140 x H260 x W120  
Weight: 4 kg



## AVAILABLE INSTRUMENTS

Viscometer delivered with electronic box and measuring chamber. Need to be ordered with cylinder and cell.

Designation viscometer	Reference viscometer	Compatible cylinder	Reference cylinder	Compatible cell*	Reference (cell)	SMS flange (mm)	Flow rate (m3/h)	Viscosity range (mPa.s)
RM 100 L Short	T220330	MS DIN 20-15	121065	CD25	121038	25	0.03 to 0.12	2.1k 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 T220350 (with Fibox)	MS DIN 24	121036	CD25	121038	25	0.03 to 0.12	460 to 0.15M
				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	113 to 35K
				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 13K
				CD75	121034	76	0.5 to 2	

M for millions, K for thousand / \* CD for bended cell and LD for straight cell.



instruments

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