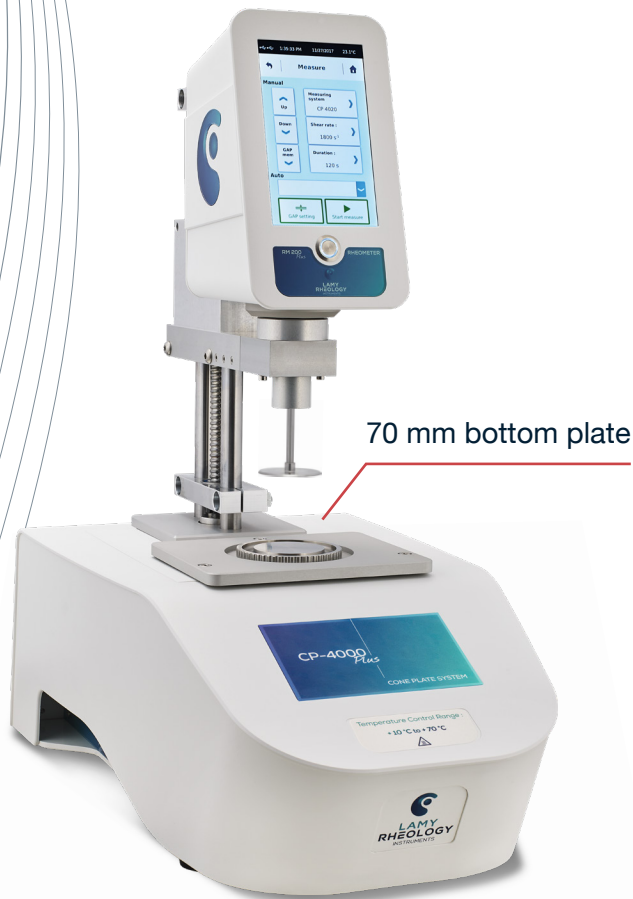


# RM 200 CP-4000 PLUS

/ Optimize your  
rheological  
measurements /



## FEATURES AND BENEFITS

- Automatic lift for gap.
- Quick attachment with AC265 coupling.
- Constant, Multistep or ramp method.
- Direct analysis with regressions.
- Direct control of temperature unit.
- Huge viscosity range.
- Speed or shear rate control.
- Inbuilt software for programming.
- Direct measure with time to stop.
- User and locked mode.
- Data recording and USB transfer.
- Torque gage on display.
- Integrated temperature probe.
- Printer connection.
- Compatible with RheoTex software.
- Display of viscosity limits according to mobile and speed.
- LIMS function.
- QC limits function.

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

1 Temperature unit with 70mm bottom plate / 1 Touch screen stylus / 1 User manual / 1 Calibration and checking certificate / 1 Microfiber cloth.

## OPTIONS & ACCESSORIES

- Barcode reader (p70).
- Touch screen protector (p70).
- Viscosity standards oil (p71).
- Dymo printer (p70).
- RheoTex software (p72-73).
- Protection cover (Ref. 121019).

# RM 200 CP-4000 PLUS

## SPECIFICATIONS

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

**Rotation speeds**  
Unlimited number of speeds between 0.3 and 1500 rpm

**Torque range**  
From 0.05 to 30 mNm

**Temperature Probe**  
Equipped with a PT100 sensor which indicates temperatures between -50°C to +300°C

<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**  
ASTM : D4287 ; BS 3900 ; DIN 3219 ; 52007-1 ; 53019-1 ;  
54453 ; ISO 2884; 3219 ; 10364-12

**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

**What benefits are there for you?**  
Save your flow curves and calculate your rheological parameters directly without computer (Plastic viscosity, flow limit, regression model according to Newton, Bingham, Casson and Ostwald). Choose your attachment system tailored to your product constraints.

**Dimensions and weight**  
D610 x H700 x W340 mm  
Weight: 22 kg

## COMPATIBLES MEASURING SYSTEMS

MS-CP (p85), MS-PP (p85) ,MS-DIN (p76, only for models N240256 and N240257)

## AVAILABLE INSTRUMENTS

Reference	Designation	Viscosity range (mPa.s)
N240250	RM 200 CP-4000 PLUS RHEOMETER AIR PELTIER (+10°C to +70°C)	1 to 63,6M (according to spindles MS CP (p85))
N240251	RM 200 CP-4000 PLUS RHEOMETER AIR PELTIER (+10°C to +70°C) WITH PROGRAMMER*	
N240256	RM 200 CP-4000 PLUS RHEOMETER + CYL*** AIR PELTIER (+10°C to +70°C)	
N240257	RM 200 CP-4000 PLUS RHEOMETER + CYL*** AIR PELTIER (+10°C to +70°C) WITH PROGRAMMER*	
N240600	RM 200 CP-4000 PLUS RHEOMETER AIR PELTIER (0°C to +150°C)	
N240601	RM 200 CP-4000 PLUS RHEOMETER AIR PELTIER (0°C to +150°C) WITH PROGRAMMER*	
N240800	RM 200 CP-4000 PLUS RHEOMETER LIQUID PELTIER** (-20°C to +100°C)	
N240801	RM 200 CP-4000 PLUS RHEOMETER LIQUID PELTIER** (-20°C to +100°C) WITH PROGRAMMER*	
N240900	RM 200 CP-4000 PLUS RHEOMETER (Room T°C to +300°C)	
N240901	RM 200 CP-4000 PLUS RHEOMETER (Room T°C to +300°C) WITH PROGRAMMER*	

M for million / \* Allow temperature setting by measuring head or RheoTex software. / \*\* Water circulating bath required. Not included. / \*\*\* Allow using of measuring systems as MS DIN 11S, 13S, 22S, 33S (p76), MS VANE (according to dimensions p81) and MS SV (p83).



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