

# CONE PLATE RHEOMETER RM 200 CP-4000 PLUS



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

1 Temperature unit with 70mm bottom plate / 1 User manual / 1 Calibration and checking certificate

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.



## OPTIONS & ACCESSORIES

- Barcode reader.
- Touch screen protector.
- Viscosity standards oil.
- Printer.
- RheoTex software.
- Protection cover (Ref. 121019).

## 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

### Accuracy

+/- 1 % of the full scale

### Repeatability

+/- 0,2 %

### Display

Viscosity (cP / Poises or mPa.s / Pa.s)  
Speed – Shear rate – Torque (% - mNm) – Shear stress -  
Time – Temperature

### Languages

French/English/Russian/Spanish/Turkish/German/  
Italian/Korean/Portuguese/Ukrainian

### Supply voltage

90-240 VAC 50/60 Hz

### Analog output

4 – 20 mA

### PC connections

RS232, USB and Ethernet

### Printer connection

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, MS-PP, MS-DIN** (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)
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, MS VANE (according to dimensions) and MS SV.

