

# RM 100 CP-1000 PLUS

/ Cone plate viscometer  
for ICI method /



## FEATURES AND BENEFITS

- CP-1000 stand for cone plate measurement.
- Quick attachment with AC265 coupling.
- Manual lift for gap adjustment.
- 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.
- Multistep method.
- LIMS function.
- QC limits function.

## AVAILABLE INSTRUMENT

Reference	Designation	Viscosity range (mPa.s)
N100365	RM 100 CP-1000 CONE PLATE VISCOMETER (+5°C to +65°C)*	1 to 190M **

M for million / \* Maximum temperature range with water circulating bath (not included). / \*\* According to MS CP spindle (p84) not included.

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

1 Stand with 70mm bottom plate / 1 Double rod with stop ring and adjusting gap / 2 Silicon pipe (1m) / 1 Integrated temperature probe / 1 Touch screen stylus / 1 User manual / 1 Calibration and checking certificate / 1 Microfiber cloth / 1 Adaptor bayonet-AC265 (Ref. 800146).

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## COMPATIBLES MEASURING SYSTEMS

MS-CP (p84), MS-PP\* (p85), MS-RV (p79),  
MS-VANES (p81), MS-KREBS (p81),  
(\*with accessory 100047)



## 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 100 CP-1000  
+ MS-KREBS



## SPECIFICATIONS

### Type of instrument

Rotating springless viscometer 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

### 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

### 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

### Dimensions and weight

D320 x H550 x W200 mm  
Weight: 14 kg

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