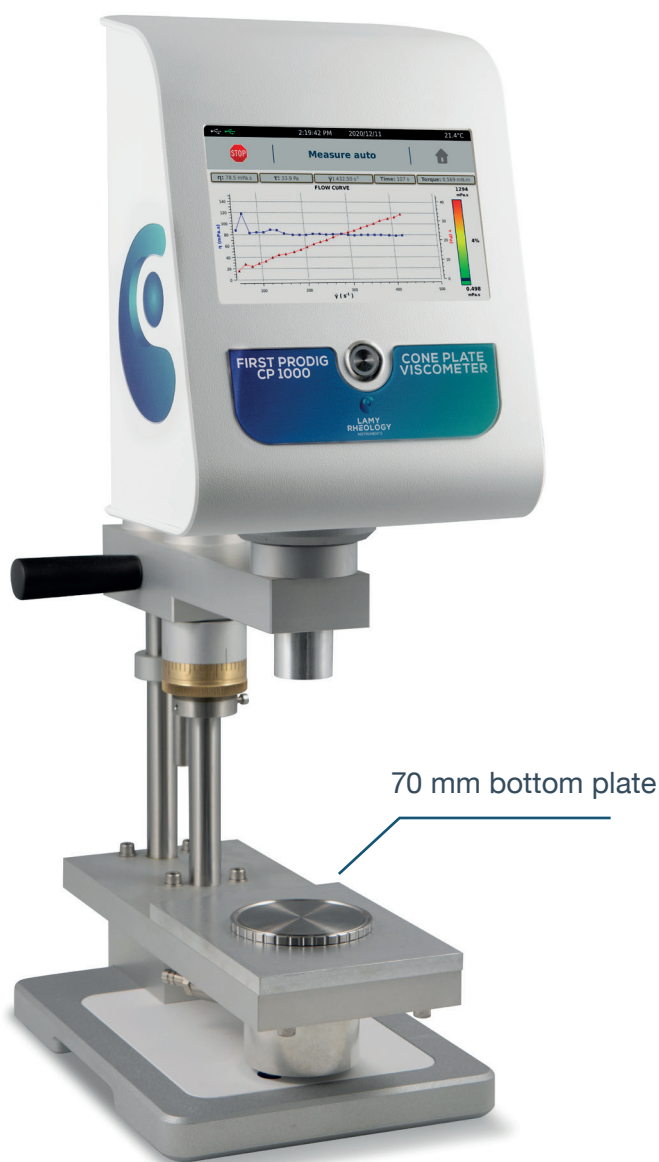


# FIRST PRODIG CP 1000

A revolution  
for measurements  
on low volumes.



The FIRST PRODIG CP1000 offers unparalleled ease of use and modularity. It incorporates a support for cone-plate measurements. It is perfectly suited to measurements at ambient temperature and offers the possibility to control temperature of the sample when combined with a circulating bath (not included). Its versatility allows it to use other measuring mobiles such as MS-RV, MS KREBS or MS VANE.

## FEATURES AND BENEFITS

- CP1000 stand for cone-plate measurement.
- Quick attachment with AC265 coupling.
- Manual lift for gap adjustment.
- Speed or shear rate control.
- Programming and recording method.
- Constant, step by step or ramp methods.
- Direct curve on display.
- Direct analysis with regression.
- Direct report editing.
- 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.

## WHAT'S INCLUDED WITH DEVICE ?

- 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).

## AVAILABLE INSTRUMENT

Reference	Designation	Viscosity range (mPa.s)
N707500	FIRST PRODIG CP1000 VISCOMETER (+5°C to +65°C)*	3 to 80M **

M for million / \* Maximum temperature range with circulating bath (not included). / \*\* According to cone-plate MS CP (p80). Not included.

## SPECIFICATIONS

### Type of instrument

Rotating springless viscometer with 7" Touch screen

### Rotation speeds

Unlimited number of speeds between 0.3 and 250 rpm

### Torque range

From 0.05 to 13 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 – %- Shear stress – Time – Temperature

### Norms

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

### Languages

French/English/Turkish/German

### Supply voltag

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

### Dimensions and weight

D320 x H550 x W200 mm

Weight: 14 kg



FIRST PRODIG CP 1000  
+ MK-VANE

## COMPATIBLES MEASURING SYSTEMS

MS CP (p80), MS-RV (p75)\*, MS-VANES (p77)\*,  
MS-KREBS (p77)\*, (\* with adaptor Ref. 800146).

## OPTIONS & ACCESSORIES



- Barcode reader with stand and cable (p68).
- Touch screen protector (p68).
- Viscosity standards oil (p69).
- Dymo printer (p68).
- RheoTex software (p64-65).
- Protection cover (Ref. 121019).