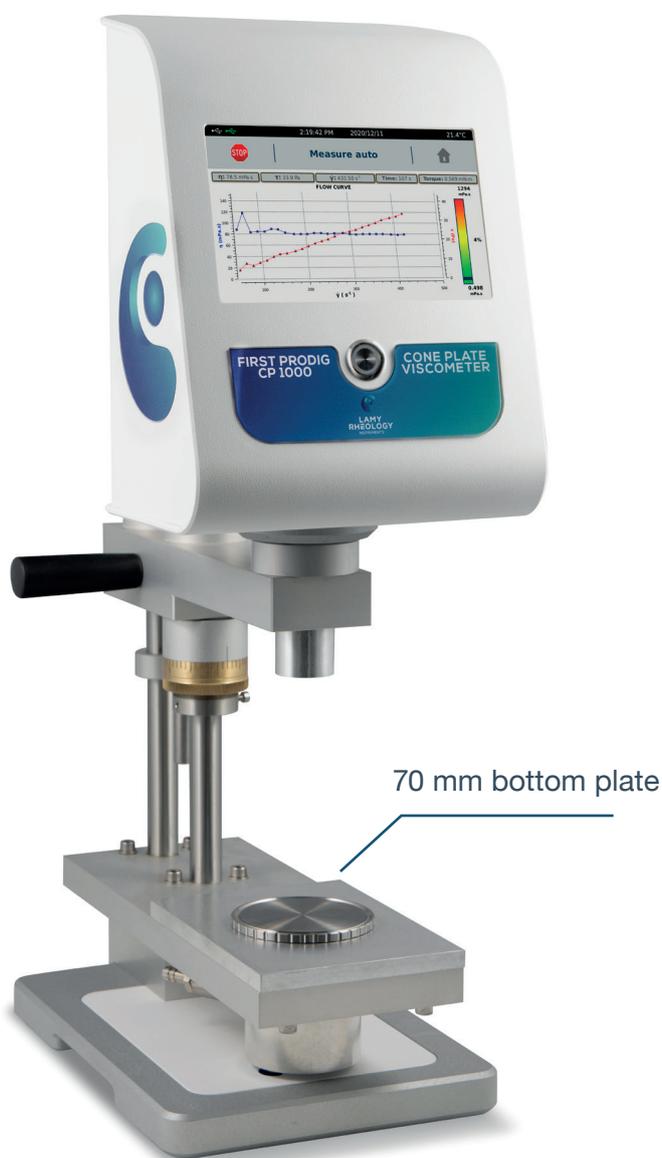


FIRST PRODIG CP 1000

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).

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