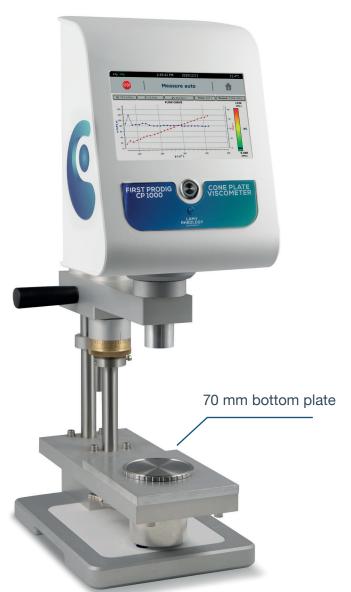
# FIRST PRODIG CP 1000

# A revolution for measurements on low volumes.



AVAILABLE INSTRUMENT

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).

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



# 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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