FIRST PRODIG

The solution
to your **most**
exacting methods.

The viscometer with a 7 '' touch screen allows you to create and save your measurement methods, display results or curves, analyse your data, print reports, manage users and protect data.

FEATURES AND BENEFITS

- 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 ?

(according to part number)

- 4 Spindles LV or 6 spindles RV (p75).
- 1 Integrated temperature probe.
- 1 Standard stand or rack stand (p68).
- 1 Touch screen stylus.
- 1 User manual.
- 1 Calibration and checking certificate.
- 1 Microfiber cloth.

AVAILABLE INSTRUMENTS

Reference	Designation	Viscosity range (mPa.s)
N707700	FIRST PRODIG VISCOMETER WITH SPINDLES RV-2 TO RV-7 (with standard stand)	200 to 240M
N707709	FIRST PRODIG VISCOMETER WITH SPINDLES RV-2 TO RV-7 (with rack stand)	200 to 240M
N707300	FIRST PRODIG LR VISCOMETER WITH SPINDLES LV-1 TO LV-4 (with standard stand)	15(1*) to 22M
N707309	FIRST PRODIG LR VISCOMETER WITH SPINDLES LV-1 TO LV-4 (with rack stand)	15(1*) to 22M

M for million / (*) Can reach 1 mPa.s with MS ULV (p.78). Not included.

FIRST PRODIG

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
Standard Version: 0.05 to 13 mNm
LR version: 0.005 to 0.8 mNm

Temperature Probe
Equipped with a PT100 sensor which indicates
temperatures between -50°C to +300°C

Accuracy	**Repeatability**
+/- 1 % of the full scale	+/- 0,2 %

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

Norms
ASTM : D115 ; D789 ; D1076 ; D1084 ; D1337 ;
D1338 ; D1417; D1439 ; D1824 ; D2196 ; D2243 ;
D2364 ; D2556 ; D3288 ; D3468 ; D3716 ; D3730 ;
D3794 ; D4016 ; D4143 ; D4878 ; D4889 ; D5324 ;
D5400 ; D6279 ; D6577 ; D7394 ; D8020 ; E2975 ;
F1607 ; **BS** 5350 ; **DIN** 2555 ; 3219 ; 52007-1 ; 53019-
1; 54453 ; **EN** 302-7 ; 2555 ; 3219 ; 10301 ; 12092 ;
12802 ; 15425 ; 15564 ; **ISO** 1652 ; 2555 ; 2884-2 ;
3219 ; 10364-12

Languages
French/English/Turkish/German

Supply voltage	**Analog output**
90-240 VAC 50/60 Hz	4 – 20 mA

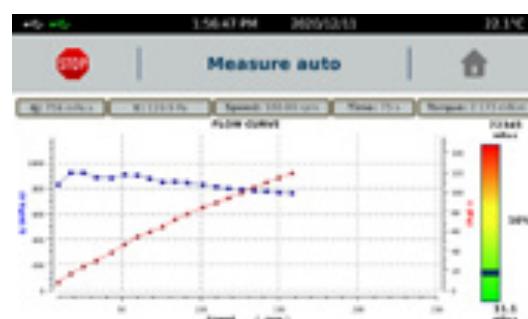| **PC connections**	**Printer connections**
RS232 Port and USB	USB Host Port - Compatible PCL/5

Dimensions and weight
Head: D160 x H270 x W200 mm
Aluminium stand: L280 x W200 x H30 mm
Stainless steel rod: Length 500 mm
Weight: 6.7 kg

COMPATIBLES MEASURING SYSTEMS

**MS-RV (p75), MS-LV (p75), MS-BV (p76),
MS-VANES (p77), MS-KREBS (p77),
MS-SV (p79), MS-ULV (p78), MS-DIN (p72).**

COMPATIBLES TEMPERATURE CONTROLS

**EVA LR (p60), EVA MS DIN (p58),
RT-1 PLUS (p61).**

OPTIONS & ACCESSORIES +

- Carrying case **(p68).**
- External temperature probe -50°C to +300°C **(p69).**
- HELIPRO stand **(p66).**
- Barcode reader with stand and cable **(p68).**
- Bayonet spindle rack **(p69).**
- Touch screen protector **(p68).**

- Viscosity standards oil **(p69).**
- Dymo printer **(p68).**
- Small volume package **(p67).**
- THERMOCELL package **(p61).**
- RheoTex software **(p64-65).**