

# VISCOMETER FIRST PRO



Programmed  
for your measurements



## FEATURES AND BENEFITS

- 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.
- Speed or shear rate control.
- Direct control of temperature unit.
- Multistep method.
- LIMS and MODBUS functions.
- QC limits function.

## AVAILABLE INSTRUMENTS

Reference	Designation	Viscosity range (mPa.s)
N702700	FIRST PRO VISCOMETER WITH SPINDLES RV-2 TO RV-7 (with standard stand)	200 to 240M
N702709	FIRST PRO VISCOMETER WITH SPINDLES RV-2 TO RV-7 (with rack stand)	200 to 240M
N702300	FIRST PRO LR VISCOMETER WITH SPINDLES LV-1 TO LV-4 (with standard stand)	15(1*) to 22M
N702309	FIRST PRO 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.

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

4 Spindles LV or 6 spindles RV / 1 Integrated temperature probe / 1 Standard stand or rack stand / 1 User manual / 1 Calibration and checking certificate

COMPATIBLES  
MEASURING SYSTEMS



MS-RV, MS-LV, MS-BV,  
MS-VANES, MS-KREBS,  
MS-SV, MS-ULV, MS-DIN.

COMPATIBLES  
TEMPERATURE CONTROLS



EVA LR, EVA MS DIN,  
RT-1 PLUS.

OPTIONS & ACCESSORIES



- Carrying case.
- External temperature probe.
- HELIPRO stand.
- Barcode reader.
- Bayonet spindle rack.
- Touch screen protector.
- Viscosity standards oil.
- Dymo printer.
- Small volume package.
- THERMOCELL package.
- RheoTex software.
- GuardLeg.

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**

+/- 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

**Languages**

French/English/Russian/Spanish/Turkish/  
German/Italian/Korean/Portuguese/Ukrainian

**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**

Head: D115 x H243 x W138 mm  
Stand: L340 x W305 x H70 mm  
Stainless steel rod: Length 500 mm  
Weight: 6.1 kg

