VISCOMETER FIRST PLUS

More than just a simple **viscosity measurement**

FEATURES AND BENEFITS

- 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.
- LIMS function.

Rack stand

Standard stand

AVAILABLE INSTRUMENTS

Reference	Designation	Viscosity range (mPa.s)
N700700	FIRST PLUS VISCOMETER WITH SPINDLE RV-2 TO RV-7 (with standard stand)	200 to 240M
N700709	FIRST PLUS VISCOMETER WITH SPINDLE RV-2 TO RV-7 (with rack stand)	200 to 240M
N700300	FIRST PLUS LR VISCOMETER WITH SPINDLE LV-1 TO LV-4 (with standard stand)	15(1*) to 22M
N700009	FIRST PLUS LR VISCOMETER WITH SPINDLE 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

LAMY RHEOLOGY INSTRUMENTS

www.lamyrheology.com

FIRST PLUS

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.
- 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	Repeatability
+/- 1 % of the full scale	+/- 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	Analog output
90-240 VAC 50/60 Hz	4 – 20 mA

PC connections	Printer connection
RS232, USB and Ethernet	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

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INSTRUMENTS