



FIRST PLUS VISCOMETERS

With its expanded programming possibilities and increased modularity, the FIRST PLUS will be the ideal tool for your application whether you use it alone or with its software.



PT 100 temperature probe included.

Data memorization and transfer.

Available in standard and high sensitivity versions.

Activity domains



Food Industry



Cosmetics pharmaceuticals



Paint / ink / coatings



Chemical / petroleum products



Car industry



Building materials



Teaching



Rack stand in option

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

The FIRST PLUS has a PT100 sensor which indicates temperatures between -50 °C to + 300 °C.

Accuracy

+/- 1 % of the full scale

Repeatability

+/- 0,2 %

Display

Viscosity – Speed – Torque – Time – Temperature
Choice of viscosity units: cP/Poises or mPa.s / Pa.s – Shear rate

Security and confidentiality

An «operator» function allows you to enter a username for your instrument. This user must then be identified using a 4-digit code. There is also a protected mode that locks your measurement conditions.

Language

French/English/Russian/Spanish

Compatible measuring system

MS DIN, MS ASTM, MS BV, MS VANE, MS ULV, MS SV, MS CP

Compatible temperature control

EVA DIN, EVA LR-BV, RT1, CP1

Supply voltage

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

Options

Carry case (PN 100500)
Rack stand (PN P008000)
Software (PN 311003)

Dimensions and weight

Head: L180 x W135 x H250 mm
Hardened steel stand: L280 x W200 x H30 mm
Stainless steel rod: Length 500 mm
Weight: 6.7 kg

Available instruments :

Part Number Instrument	Designation Instrument
N700000	FIRST PLUS VISCOMETER
N700300	FIRST PLUS LR VISCOMETER WITH L-1 TO L-4 SPINDLES SET
N700301	FIRST PLUS LR VISCOMETER
N700700	FIRST PLUS VISCOMETER WITH R-2 TO R-7 SPINDLE SET
N701000	FIRST PLUS VISCOMETER without stand
N701803	FIRST PLUS LR VISCOMETER without stand