

VISCOMETER LV SPRING



LV SPRING GuardLeg
Ref. 100685



- **Optional :**
External temperature probe for LV & RV SPRING with attachment.
Ref. SP900026

Precision and simplicity
with spring technology



FEATURES AND BENEFITS

- Spring Technology.
- Digital leveling.
- Inbuilt software for programming.
- Direct measure with time to stop.
- User and locked mode.
- Data recording and USB transfer.
- Torque gage on display.
- 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 function.
- QC limits function.
- Method wizard.
- Stand with adjustable feet.

AVAILABLE INSTRUMENT

Reference	Designation	Viscosity range (mPa.s)
N800000	LV SPRING VISCOMETER WITH SPINDLES LV-1 TO LV-4	15(1*) to 6M

M for million / (*) Can reach 1 mPa.s with MS-ULA SPRING.

WHAT'S INCLUDED WITH DEVICE ?

4 Spindles LV / 1 GuardLeg LV / 1 Rack stand / 1 User manual / 1 Calibration and checking certificate / 1 Carrying case.

COMPATIBLES MEASURING SYSTEMS



Spindle LV Spring, Spindle RV Spring, Spindle SV Spring, Spindle ULA Spring

COMPATIBLES TEMPERATURE CONTROLS*



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

*only with adaptation accessory RT1/EVA MS-DIN (Ref. SP01KIT)

OPTIONS & ACCESSORIES



- External temperature probe.
- HELIPRO Spring stand.
- Barcode reader.
- Bayonet spindle rack.
- Touch screen protector.
- Viscosity standards oil.
- Printer.
- Spring small volume package.
- THERMOCELL Spring package.
- RheoTex software.

SPECIFICATIONS



Type of instrument

Rotating spring viscometer with 7" Touch screen

Rotation speeds

Unlimited number of speeds between 0.1 and 250 rpm

Torque range

0.06737 mNm

Temperature range

From -50°C to +300°C with external temperature probe

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 - Electronic levelling

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

MS-LV SPRING MEASURING SYSTEMS

Measuring spindles according to ASTM / ISO 2555 (316L stainless steel).
These systems are ideally suited for simple viscosity measurement at controlled rotational speed in all areas of activity. The standard recommends use of 600ml beaker for measurement.

Name	Reference	Viscosity range (mPa.s)	
MS-LV Spring-1	LV0001	from 15 to 60K	
MS-LV Spring-2	LV0002	from 50 to 300K	
MS-LV Spring-3	LV0003	from 200 to 1.2M	
MS-LV Spring-4	LV0004	from 1K to 6M	

M for million, K for thousand.

