

# VISCOMETER LV SPRING



LV SPRING GuardLeg  
Ref. 100685



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



## 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 INSTRUMENTS

Reference	Designation	Viscosity range (mPa.s)
N800000	LV SPRING VISCOMETER WITH SPINDLES L1 TO L4	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**

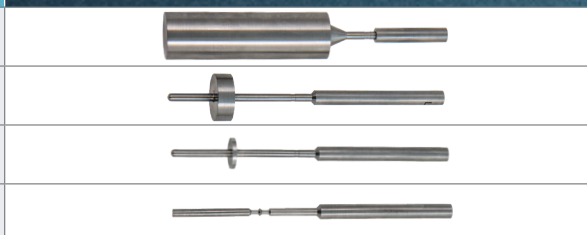
Head: D115 x H243 x W138 mm  
Stand: L340 x W305 x H70 mm  
Stainless steel rod: Length 500 mm  
Weight: 6.1 kg

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 millier.