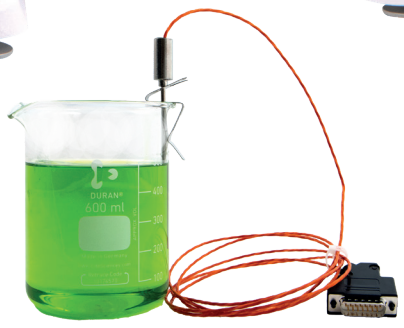
VISCOMETER RV SPRING

Precision and **simplicity**
with **spring technology**

RV SPRING GuardLeg
Ref. 100686



- Optional : External temperature probe for LV & RV SPRING with attachement. 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 INSTRUMENT

Reference	Designation	Viscosity range (mPa.s)
N850000	RV SPRING VISCOMETER WITH SPINDLES RV-2 to RV-7	200(100*) to 40M

*M for million / * Can reach 100 mPa.s with spindle RV1.*

WHAT'S INCLUDED WITH DEVICE ?

6 Spindles RV-2 to RV-7, 1 GuardLeg RV / 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
0.7187 mNm

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

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 - Electronic levelling

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

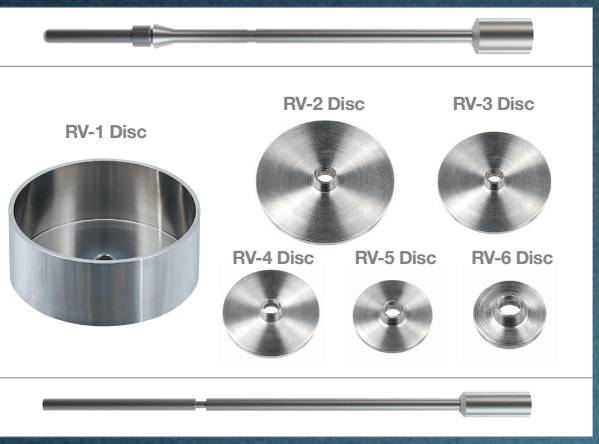
Supply voltage	**Analog output**
90-240 VAC 50/60 Hz	4 – 20 mA
PC connections RS232, USB and Ethernet	**Printer connection** USB Host Port - Compatible PCL/5

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-RVSPRING MEASURING SYSTEM

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)
Axis RV 1-6 for RV SPRING	RV111000	
RV-1 Disc	111001	from 100 to 100K
RV-2 Disc	111002	from 160 to 400K
RV-3 Disc	111003	from 400 to 1M
RV-4 Disc	111004	from 800 to 2M
RV-5 Disc	111005	from 1.6K to 4M
RV-6 Disc	111006	from 4K to 10M
RV-7 Spindle for RV SPRING	RV111007	from 16K to 40M



M for million, K for thousand.

Tel : +33 (0)4 78 08 54 06
Fax : +33 (0)4 78 08 69 44
contact@lamyrheology.com

11 A, rue des Aulnes
69410 Champagne au Mont d'Or
France

LAMY RHEOLOGY INSTRUMENTS