

Viscometers VISCOLAN

- Rotational viscometers, for a rapid viscosity determination according to ISO 2555 and other ASTM norms.
- The results are 100% compatible with Brookfield method.
- Accurate and digital torque range measurement.

Technical features:

Temperature

- Digital temperature sensor.
- Temperature range: 0,0°C – 100°C (+32°F.....+212°F).
- Temperature resolution: 0,1°C (0,1722°F).
- Accuracy: $\pm 0,1^\circ\text{C}$.

Speed

- 19 speed can be selected:
 - 0,3 – 0,5 – 0,6 – 1 – 1,5 – 2 – 2,5 – 3 – 4 – 5 – 6 – 10 – 12 – 20 – 30 – 50 – 60 – 100 and 200.
- Accuracy: $>0,5\%$ of absolute value.

Sprindles set

- Each viscometer include a complet set of sprindles.
- Included sprindles:
 - **Version L** (V1L and V2L): 4 sprindles L1-L2-L3 and L4
 - **Versión R** (V1R and V2R): 6 sprindles R1-R2-R3–R5-R6-R7

Viscosity range

- Version L (V1L and V2L): 3-2.000.000 mPas/cP in 76 ranges.
- Version R (V1R and V2R): 20-13.000.000 mPas/cP in 114 ranges.
- Accuracy 1% of full scale.
- Repeatability: $\pm 0,2\%$.
- RS232 Interface to transfer data to a PC or printer.
- Version V2 has a bi-directional RS232 interface to control the viscometer and transfer data to PC.
- Regulable height stand.
- Carring case for viscometer and sprindles.
- 100-240V-50/60Hz

Microprocessor controlled.

Regulation of the following parameters:

- Speed: r.p.m.
- Dynamic Viscosity: mPas/cP.
- Percentage of full scale: %.
- Sample temperature: °C/°F.
- Maximum range of reading mPas/Cp with selected sprindles.
- Selected spridle.
- V2 model, with special sprindles give us the following measurements:
 - Straining ratio: S.R. 1/s.
 - Twisting force: DINa/cm2.



● 42010



Viscometers

Code	Model	Price
42010	Viscometer VISCOLAN V1L <ul style="list-style-type: none"> • Set of sprindles L. • Carrying case. 	
42020	Viscometer VISCOLAN V1R <ul style="list-style-type: none"> • Set of sprindles R. • Carrying case. 	
42030	Viscometer VISCOLAN V2L <ul style="list-style-type: none"> • Set of sprindles L. • Carrying case. 	
42040	Viscometer VISCOLAN V2R <ul style="list-style-type: none"> • Set of sprindles R. • Carrying case. 	



Accessories:

42070	Transfer data Software for VISCOLAN V1
42080	Control Software for VISCOLAN V2
42081	Sprindle R for low viscosities 5cP <ul style="list-style-type: none"> • To be adapted in Viscometers L
42082	Adapter for small samples <ul style="list-style-type: none"> • For sample volumes from 8 up to 13 ml. • Includes circulation jacket which provides thermostatzation of the sample between -10°C and +100°C.
42083	Set of sprindles TL5-TL6-TL7 <ul style="list-style-type: none"> • Viscosities: from 3 up to 200.000 mPas/cP
42084	Set of sprindles TR8-TR9-TR10 and TR11 <ul style="list-style-type: none"> • Viscosities: from 40 up to 3.300.000 mPas/cP
42088	Low viscosity adapters <ul style="list-style-type: none"> • Allows thermostatzation of the sample. • Accurate reproducible measurements. • Viscosity reading range: <ul style="list-style-type: none"> - From 0,5 to 2.000 cPs/mPas (model L) - From 4,8 to 21.333 cPs/mPas (model R)
42089	Adapter for helicoidal motion <ul style="list-style-type: none"> • Recommended for materials which do not flow easily (cream, paste, gel ...), these kind of materials can not be measured by the standard sprindles, because cause a hole in cavitation zone, and due to this fact falsify measure results. • Adjustable height. • Supplied with 6 "T" needle spindles. • Head with automatical "up-and-down" motion. • Viscosity reading range <ul style="list-style-type: none"> - From 1.560 to 3.120.000 cPs/mPas (model L) - From 16.600 to 33.300.000 cPs/mPas (model R)

