



Leading viscosimetry technology

## ROTATIONAL VISCOMETERS

# Alpha series

Alpha series rotational viscometers allow fast and accurate viscosity readings. They are low budget and easy to use.

**2 YEARS WARRANTY**

## Standard Delivery

Viscometer head with serial number / Stand, 3 levelling adjustment for stand / Boss head / Standard spindles / Spindle protector / Spindle rack / Power supply cable / Calibration Certificate / Operating manual

## Extra Accessories

APM (Small Sample Adapter) / LCP (Low Viscosity Adapters) / Heldal unit (High Viscosity Adapter) / Silicon Standard Oils / Thermostatic Bath / Universal adapter for all accessories such as Brookfield (Optional) / PPR Plugging System (Optional)

**NOTE:** The material of the accessories including the temperature probe can be changed under customer specification (High Temperature Resistance).

Smart Series



Expert Series



Premium Series



4 LINES LCD DISPLAY AND KEYBOARD CONTROLS

**LANGUAGE OPTIONS:**  
English / French / German / Catalan / Spanish / Italian / Japanese / Polish / Dutch / Portuguese

**SOUND ALARM**  
Under or over range

**UNIVERSAL ADAPTER**  
All accessories such as Brookfield (Optional)

FRIENDLY USER

**AUTO RANGE**  
Display of maximum measurable limits

**DISPLAYED INFO**  
Viscosity (cP or mPa·s)  
% Torque  
Spindle  
Speed

**AUTO-TEST**  
It checks the internal function in order to make the unit ready to use



## Main Features

- > Data displayed
 

Selected speed	r.p.m
Selected spindle	SP
Viscosity reading	cP (mPa·s)
Percentage of full scale	%
- > Relative and absolute viscosity.
- > Unit converter SI to CGS.
- > AUTO-TEST with sound and visual malfunction alarm.
- > AUTO-RANGE function.
- > User-enabled calibration.
- > 10 language options.

Standard delivery: The equipment is supplied complete with standard spindles (4 spindles for L model, and 6 spindles for R and H models), viscometer stand and spindle protector.

## Technical File

- > Precision:  $\pm 1\%$  of full scale.

- > Resolution:
  - Using low viscosity adapter: 0.01
  - For lower than 10.000 viscosity cP: 0.1
  - For viscosity equal to or above 10.000 cP: 1
- > Repeatability: 0.2%
- > Supplied at 100-240 VAC, 50/60 Hz

## Spindles

AISI 316 stainless steel spindles, easily identified by number and letter when changed according to range of viscosity.

These are the standards our units follow:

- BS: 6075, 5350
- ISO: 2555, 1652
- ASTM: 115, 789, 1076, 1084, 1286, 1417, 1439, 1638, 1824, 2196, 2336, 2364, 2393, 2556, 2669, 2849, 2983, 2994, 3232, 3236, 3716



Easy identification, on your first look at the equipment, you identify it.



Detail of the 4 lines LCD and the keyboard controls. Unit menu is clearly showed.

Code	Model	Measuring Range (cP)	Speed (r.p.m.)	Number of speeds
V100003	ALPHA L	20 - 2.000.000	0.3 - 100	18
V100002	ALPHA R	100 - 13.000.000	0.3 - 100	18
V100001	ALPHA H	200 - 106.000.000	0.3 - 100	18