

Fungilab Quality + Low Budget = Viscolead Series

## ROTATIONAL VISCOMETERS

# Viscolead Adv

Advance viscosity measurement.  
User friendly.

## 2 YEARS WARRANTY

### Standard Delivery

Viscometer head with serial number / Stand, 3 levelling adjustment for stand / Boss head / Standard spindles / Spindle protector / Spindle rack / PT100 probe / Power supply cable / Datalogger software in a CD / USB cable / Carrying case / Calibration Certificate / Operating manual

**NOTE:** All parts (including the viscometer stand) find room in the Carrying case.

### 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).

#### ■ PROGRAM FEATURES

Time to Torque  
Time to Stop

#### ■ DATA DISPLAYED

Selected Speed  
Selected Spindle  
Viscosity readings (cP or mPa-s or cSt)  
Percentage of Full Scale Range (%)  
Sample Temperature (Optional, °C or °F)

#### ■ TEMPERATURE READING BY PT100

#### ■ VISCOSITY READINGS

Absolute viscosity (cP or mPa-s)  
Apparent viscosity (cP or mPa-s)  
Kinematic viscosity (cSt, mm<sup>2</sup>/sec)  
(Density introduced by the user)

#### ■ USB INTERFACE

Faster transfer data to the computer

#### ■ DATALOGGER SOFTWARE INCLUDED

USB allows data transfer to a Excel format

#### ■ UNIVERSAL ADAPTER

All accessories such as Brookfield (Optional)



## Main Features

- > Data displayed:
  - Selected speed r.p.m.
  - Selected spindle SP
  - Viscosity reading cP (mPa·s) or cSt
  - Percentage of full scale %
  - Sample temperature °C or °F (Optional)
  - Shear Rate (with coaxial spindles) SR (s-1)
  - Shear Stress (with coaxial spindles) SS (N/m<sup>2</sup>)
  - Density (introduced by the user) g/cm<sup>3</sup>
- > Viscosity reading: dynamic viscosity (cP or mPa·s) or kinematics viscosity (cSt).
- > Unit converter SI to CGS.
- > Program features:
  - Time to torque: target torque pre-setting device.
  - Time to stop: target time pre-setting device.
  - 10 working memories.
- > AUTO-TEST with sound and visual malfunction alarm.
- > AUTO-RANGE function.
- > Temperature reading by PT100 (optional).
- > User-enabled viscosity and temperature (optional) calibration.
- > 10 language options.
- > Interface: USB.
- > Datalogger Software: USB allows data transfer to a PC Excel format.

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, carrying case, USB cable, Datalogger Software and PT100 probe

## Technical File

- > Precision: ± 1% of full scale
- > Resolution:
  - With 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%
- > Thermometer features:
  - Temperature margins: 0°C to +100°C
  - 32°F to 212.0°F
  - Resolution: 0.1°C / 0.1722 °F
  - Precision: +/- 0.1 °C
  - Type of probe: PT100
- > 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



Viscolead One



Viscolead Pro

Code	Model	Measuring Range (cP)	Speed (r.p.m.)	Number of speeds
VL210003	VISCOLEAD ADV L	20 - 2.000.000	0.3 - 100	18
VL210002	VISCOLEAD ADV R	100 - 13.000.000	0.3 - 100	18
VL210001	VISCOLEAD ADV H	200 - 106.000.000	0.3 - 100	18

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