

Fungilab Quality + Low Budget = Viscolead Series

ROTATIONAL VISCOMETERS

Viscolead Pro

Professional and Accurate viscosity results. Customize your measurement.

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 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
10 working memories
Customizable option (Speeds)
Programmable: Multistep/Ramp
Unit Converter (IS or CGS)

■ USB INTERFACE

Faster transfer data to the computer

■ AUTO-TEST

It checks the internal function in order to make the unit ready to use

■ VISCOSITY READINGS

Absolute viscosity (cP or mPa-s)
Apparent viscosity (cP or mPa-s)
Kinematic viscosity (cSt, mm²/sec)
(Density introduced by the user)

■ 10 WORKING MEMORIES

Set up the unit and get it ready to be used every day choosing the memory you need

■ DATA DISPLAYED

Selected Speed
Selected Spindle
Viscosity readings (cP or mPa-s or cSt)
Percentage of Full Scale Range (%)
Sample Temperature (°C or °F)
Shear rate (with coaxial spindles) (s-1)
Shear Stress (with coaxial spindles) (N/m²)
Density (introduced by the user) (g/cm³)

■ UNIVERSAL ADAPTER

All accessories such as Brookfield (Optional)

■ DATALOGGER SOFTWARE INCLUDED

USB allows data transfer to a Excel format



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
Shear Rate (with coaxial spindles)	SR (s ⁻¹)
Shear Stress (with coaxial spindles)	SS (N/m ²)
Density (introduced by the user)	g/cm ³
- > Step Program Status
- > Viscosity reading: dynamic viscosity (cP or mPa·s) or kinematics viscosity (cSt).
- > Program features:
 - Time to torque: target torque pre-setting device.
 - Time to stop: target time pre-setting device.
 - Step.
 - Multistep.
 - Ramp.
 - 10 working memories.
- > AUTO-TEST with sound and visual malfunction alarm.
- > AUTO-RANGE function.
- > Temperature reading by PT100.
- > User-enabled viscosity and temperature 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, carrying case, USB cable, Datalogger Software and Fungilab DataBoss Software

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
- > **Software: FUNGILAB DATA BOSS**
 - The Fungilab Data Boss software complies the FDA 21CFR PART 11 regulation

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 Adv

Code	Model	Measuring Range (cP)	Speed (r.p.m.)	Number of speeds
V320003	VISCOLEAD PRO L	20 - 6.000.000	0.01 - 200	54
V320002	VISCOLEAD PRO R	100 - 40.000.000	0.01 - 200	54
V320001	VISCOLEAD PRO H	200 - 106.000.000	0.01 - 200	54