

Fungilab Quality + Low Budget = Viscolead Series

ROTATIONAL VISCOMETERS

Viscolead One

Original Fungilab Viscometer.
Essential viscosity 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 / 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 can be changed under customer specification (High Temperature Resistance).

- **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
- **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)



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 (optional) / 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) / Haldal 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 (Optional)

■ VISCOSITY READINGS

Absolute viscosity (cP or mPa-s)
Apparent viscosity (cP or mPa-s)
Kinematic viscosity (cSt, mm²/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)



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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 (Optional)

■ VISCOSITY READINGS

Absolute viscosity (cP or mPa-s)
Apparent viscosity (cP or mPa-s)
Kinematic viscosity (cSt, mm²/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)
 - 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



Viscolead Adv



Viscolead Pro

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

Headquarters

Office Eastern Europe

Office USA

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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/m²)
 - Density (introduced by the user) g/cm³
 - 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 and Datalogger 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

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Viscolead One



Viscolead Adv

Code	Model	Measuring Range (cP)	Speed (r.p.m.)	Number of speeds
V400003	VISCOLEAD PRO L	20 - 6.000.000	0.01 - 200	54
V400002	VISCOLEAD PRO R	100 - 40.000.000	0.01 - 200	54
V400001	VISCOLEAD PRO H	200 - 106.000.000	0.01 - 200	54



Products for Research, Analysis and Quality Control

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