



NEW

evo | series



LEADING **VISCOSITY** TECHNOLOGY

## ROTATIONAL VISCOMETERS

Fungilab Evo Series for advance performance and multifunctional viscosity measurements.

### New features for your viscosity measurements with the new Evo Series:

- Colour TFT screen, for easy readings and fast data recognition.
- New intuitive Full Touch key pad: select your data in one touch.
- Light-up Led: unit guides you to the proper functionality
- New USB connection: Type A 2.0 generation for downloading data to your PC
- Wi-Fi: integrated in system for easy control and access to your measurements.
- OPTIONAL: FSP System

### 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<sup>-1</sup>)
  - 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 & Time to stop
  - 9 working memories
  - Customizable speed options
  - Multistep
  - Ramp

- AUTO-TEST: automatical internal viscosimeter checking
- AUTO-RANGE: full scale range for combination spindle speed.
- Temperature reading by PT100.
- User-enabled viscosity and temperature calibration.
- 10 language options.

CODE	MODEL	MEASURING RANGE (Cp)	SPEED (r.p.m.)	NUMBER OF SPEEDS
VE300003	EVO EXPERT L	20 - 6.000.000	0.01 - 200	54
VE300002	EVO EXPERT R	100 - 40.000.000	0.01 - 200	54
VE300001	EVO EXPERT H	200 - 106.000.000	0.01 - 200	54
VE400003	EVO PREMIUM L	20 - 6.000.000	0.01 - 250	2,600
VE400002	EVO PREMIUM R	100 - 40.000.000	0.01 - 250	2,600
VE400001	EVO PREMIUM H	200 - 106.000.000	0.01 - 250	2,600

### 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

### Datalogger software for Evo Expert and Evo Premium:

Software that offers you the possibility to work with the data gathered by the unit in your viscometer screen in an Excel® file format. Easy to use and to manage your viscosity measurements in just one touch. You can also download the data to the computer using our datalogger software.

### FDB Software for Evo Premium:

The FDB software developed by Fungilab has been designed to work with the Evo Premium series. It offers the possibility to program the viscometer for step, ramp and multi-step curves, and it is an important tool to study the viscosity behaviour of different liquids.

### Control software:

Establishing viscosity programs, documenting the procedure and the results in real time are some of the options offered by the Fungilab Data Boss software developed by FUNGILAB. The software has been designed to be very intuitive. The option menu provides a clear view of the program. The help menu provides charts and descriptive texts that offer a clear explanation of the working options.

### 2 YEAR WARRANTY

### Standard delivery for Evo Series:

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 for Evo Series:

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

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







#### Fungilab SA headquarters

Constitució 64, Nau 15, Pol. Ind. Les Grases  
08980 St. Feliu de Llobregat (Barcelona) SPAIN  
T. +34 93 68 53 500 F. +34 93 68 53 750  
sales@fungilab.com

#### Fungilab Inc.

89 K Cabot Court, Hauppauge 11788 NY (US)  
T. +1 63 17 50 63 61 F. +1 63 17 50 63 62  
sales@fungilab.us

#### Eastern Europe Office

Prosp. Akad. Palladina 44, of. 105  
UA-03680 Kyiv, Ukraine  
T. +38 04 42 27 41 52



[www.fungilab.com](http://www.fungilab.com)

LEADING VISCOSITY TECHNOLOGY