

# THE evo | expert

now featuring NEW wifi and bluetooth interface



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

## Technical File

- Precision:  $\pm 1\%$  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:  $\pm 0.1$  °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:

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.

## 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).

## CONTACT DETAILS

The logo for Fungilab, featuring a stylized blue icon of three horizontal bars to the left of the word "Fungilab" in a bold, black, sans-serif font.

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