

Fungilab

LEADING VISCOSITY TECHNOLOGY

EVO EXPERT

ROTATIONAL
VISCOMETERS

- + Application APP.
- + Interface Bluetooth.
- + Full HD TFT digital screen.
- + Intuitive Keyboard Touch.
- + New USB connection.
- + Unique with Wi-Fi connection.
- + 6 Working languages.

2 YEAR WARRANTY



evo | expert + Plus

LEADING VISCOSITY
TECHNOLOGY



APPLICATION
APP



PROGRAMS



MEMORIES



MAIN FEATURES:

- **Data displayed:**
 - Selected speed - r.p.m.
 - Selected spindle - SP
 - Viscosity reading - cP (mPa·s) or cSt
 - Percentage of bottom on a large 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
- **Viscosity reading:**
 - dynamic viscosity (cP or mPa·s)
 - kinematics viscosity (cSt).
 - Units Converter from SI to CGS.
- **Programme Options:**
 - **Customize Speed**
 - **Time to torque:** Ending of the test upon reaching a programmed torque .
 - **Time to stop:** Ending of the test upon reaching a programmed time.
- 9 working memories.
- **AUTO-TEST** with visual and resonant alarm. If the equipment detects any defect.
- **AUTO-RANGE** Shows the maximum viscosity range that can be measured according the combination of the selected spindle/speed.
- Temperature Reading through probe PT100.
- Possibility to make the viscosity calibration and temperature by the user.
- 6 language options to select.
- Interface: USB

TECHNICAL SHEET:

- **Precision:**
 - +/- 1% of the bottom of the scale
 - **Resolution viscosity to:**
 - 100 cP - 0.01cP
 - 1.000 cP - 0.1cP
 - 5.000 cP - 1.0 cP
 - 10.000 cP - 5.0 cP
 - 25.000 cP - 10.0 cP
 - 50.000 cP - 25.0 cP
 - 100.000 cP - 100.0 cP
 - 1.000.000 cP - 1.000.0 cP
 - **Repeatability:** 0.2%
- TEMPERATURE PROBE FEATURES:**
- **Temperature Limits:**
 - -40°C to 300°C · -40°F to 572°F
 - **Resolution:** · 0.1°C / -17.722 °F
 - **Precision:** +/- 0.2°C / +/- 17.666 °F
 - It's provided ² 100-240VAC, 50/60 Hz.
- *Software FUNGILAB DATA BOSS, designed to programme and control the viscosimeters of Fungilab. It allows the user the possibility to programme the viscosimeter with simple curves, ramps and "multi-step" curves. This files will be able to be exported to PDF file.*

ACCESORIES:

- APM, APM/B • LCP, LCP/B • HELDAL • PATTERN SILICONE OILS
- THERMOSTATIC BATHS • THERMOSPHERE • PPR
- STANDARD SUPPLY

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

- **Datalogger:** Possibility to tranfer data to a pendrive into Excel format.
- **Step:** essay programming.
- **Multistep:** possibility to programme several essays in a successive way.
- **Ramps:** essay programation with an initial and final speed in an specific time.



Spindles: AISI 316 Spindles in stainless Steel, easily to identify according to its letter and number, in terms of their viscosity range. Our units fulfill the next standards: ASTM: 115, 789, 1076, 1084, 1286, 1417, 1439, 1638, 1824, 2196, 2336, 2364, 2393, 2556, 2669, 2849, 2983, 2994, 3232, 3236, 3716. BS: 6075,5350. ISO: 2555, 1652 *FUNGILAB DATA BOSS fulfills tFDA21CFR PART 11 regulation.

| Code | Model | Measuring Range (cP) | Speed (r.p.m.) | Number of speed |
|------------|--------------|----------------------|----------------|-----------------|
| VE320003BT | EVO EXPERT L | *1 - 6.000.000 | 0,01 - 200 | 2.600 |
| VE320002BT | EVO EXPERT R | 100 - 40.000.000 | 0,01 - 200 | 2.600 |
| VE320001BT | EVO EXPERT H | 200 - 106.000.000 | 0,01 - 200 | 2.600 |