

# Portable Viscometer SF-FAC02

## SF-FAC02 / Fast Portable Kinematic Viscosity Tester on site “Fast, Accurate & Compact Viscometer”

**SF-FAC02** is kinematic viscosity tester integrated with automatic cleaning system.

It is designed to easily and quickly measure the kinematic viscosity of lubricating oils at different temperature on site.

### Specification

- Standard : ASTM D7279, D445
- Measuring Range : 2 ~ 2,000 cSt
- Accuracy :  $\leq 1\%$
- Repeatability :  $\leq 1\%$
- Temperature Controlling Accuracy :  $0.1^{\circ}\text{C}$
- Temperature Controlling Range :  $40 \sim 100^{\circ}\text{C}$
- Sample Dosage :  $30 \sim 100\mu\text{L}$
- Total Power:  $\leq 25\text{W}$
- Power Supply: Built-in & Rechargeable 12V Lithium Battery
- Ambient Temperature:  $10 \sim 28^{\circ}\text{C}$
- Relative Humidity :  $< 80\% \text{ RH}$
- Dimension :  $140 \times 125 \times 200 \text{ mm}$
- Weight :  $\sim 3.2\text{kg}$

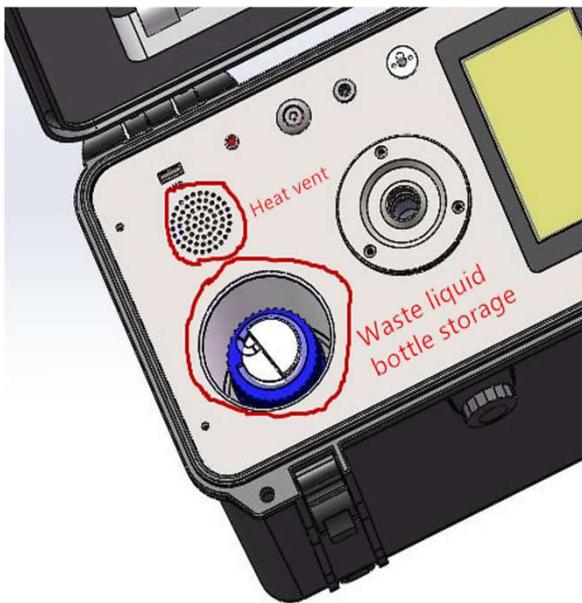


**SF-FAC02**

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## Benefits

1. Battery built-in type portable measurement. Charge the battery a few hours and test before use.
2. Spectro and others have portable viscometer with accuracy +/- 2 ~ 5%, but FAC has accuracy less than 0.5%
3. Portable viscometer is heating block type differently from other laboratory capillary type. Dry bath type, not oil bath and no need to heat up oil.
4. The conventional oil bath type takes up to 15 minutes for heating up to 40°C, but FAC only takes 5-10 minutes.
5. FAC is insulated in pelican box with dimension 300 x 250 x 300 mm and you can drain easily.
6. Can apply for any equipment where people want to check continuously on site. Useful when small laboratory requires low cost viscosity.
7. Self calibration function is integrated. If the viscosity is incorrect, user can self-calibrate capillary constant and temperature at irregular intervals.



Ordering Part No : **SF-FAC02**



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## Features

- **Conforms to ASTM D7279,D445**
- **Portable type, small sized and light-weight (3.2kg)**
- **Easy Cleaning: Integrated with auto cleaning system**
- **Quick Measurement: Obtaining results generally in 1 minute**
- **Simple & Convenient: Guided operation, plug-pull viscometer**
- **Long life of battery: Up to 300 tests**
- **Safety: Automatic power- off system when case is closed by mistake.**

## Compositions

No	Name	Specification	Quantity
1	Host	SF-FAC02	1
2	Viscometer	Customized constant	1
3	Micropipettor	200μL	1
4	One-off suction nozzle	200μL	1
5	Cleaning bottle	500mL	1
6	Power adapter	12V 3.5A	1
7	Waste liquid bottle	250mL	1
8	Instruction		1