

Portable Viscosity Tester

Lubrication Plus+

SF-FAC02 / Portable & Fast Kinematic Viscosity Tester *“Fast, Accurate & Compact “ Viscometer*

SF-FAC02 is Kinematic Viscosity tester that is 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
- Measurement range: 2 ~ 2000 mm²/s(cSt)
- Accuracy: ≤1%
- Repeatability: ≤1%
- Temperature controlling accuracy: 0.1°C
- Temperature controlling rang: 40 ~ 100°C
- Sample dosage: 30 ~ 100μL
- Total power: ≤25W
- Size: 140 × 125 × 200 (mm)
- Weight: ~ 3.2kg
- Power supply: built-in & rechargeable 12V lithium battery
- Ambient temperature: 10 ~ 28°C
- Relative humidity : < 80 % RH



〈Real Front View〉

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■ Feature

- Portability: Small in size, 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: Upto 300 tests
- Safety: Automatic power off system when case is closed accidentally.
- Conforms to ASTM D7279,D445

■ Compositions

No	Name	Specification	Quantity
1	Host	SF-FACO2	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

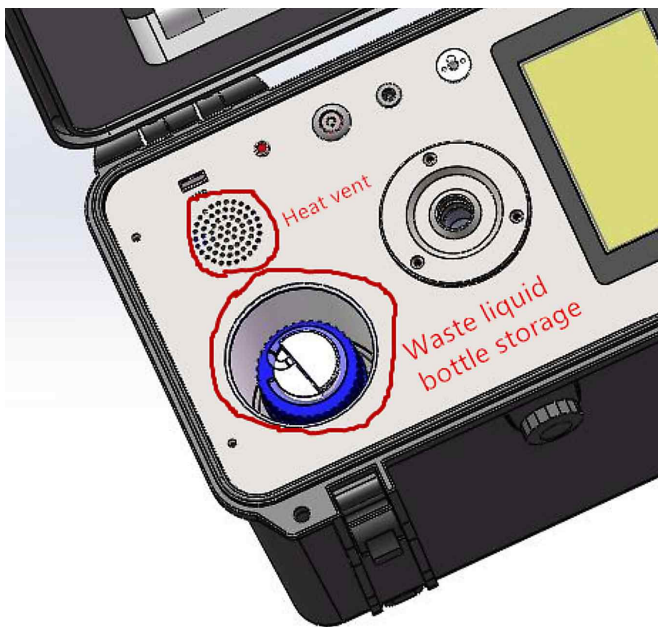
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■ Advantage

1. Battery built-in portable measurement (after confirming the battery can be tested several times a few hours)
2. Spectro and others have portable viscometer and accuracy is $\pm 2 \sim 5\%$, but FAC is less than 0.5%
3. Portable viscometer is heating block type unlikely other laboratory capillary type, dry bath type, not oil bath, no need to heat oil
4. The conventional oil bath type takes up to 15 minutes of heating time to 40 degrees, but FAC only wait for 5-10 minutes.
5. FAC is insulated in pelican box and you could drain easily. Size is about W300 mm x H300mm x D250mmH
6. Application is any equipment where people wants to check continuously at site. Or small laboratory needs low cost viscosity.

Calibration is a standard material. If the viscosity is incorrect, the user can self-calibrate the capillary constant and temperature at irregular intervals.



Ordering P/N: SF-FAC02