SISCO

SISCO Touchscreen Balometer Capture Hood User Manual

Model:FL-1

Model:FL-1

FL-1 type balometer for clean room air supply air volume for accurate measurement, the clean room air exchange number to provide accurate data, air supply air volume is one of the main items of cleanliness of the clean room.

FL-1 type balometer adopts the principle of Pitot tube, multi-point, multiple automatic detection of wind pressure, automatic calculation of air volume FL-1 type balometer can be used directly for the determination of the air outlet and pipeline air volume, measurement is fast and easy, widely used in HVAC, purification technology and other industries. In order to facilitate the customer's on-site testing work, it is specially equipped with a mobile bracket, which can be elevated up to 2.2m, and the whole can be elevated up to 3.2m (including the body of the balometer 1m). According to the advanced technology of similar products abroad, our factory is the first to launch the production of this product in China. Every FL-1 type balometer shipped out of the factory has passed the strict 0.5 level standard wind tunnel calibration device to carry out multi-point air volume calibration, which provides a reliable quality assurance for the users to accurately determine the air volume.

vantage

Complete validation manuals are provided for easy compliance with pharmaceutical specification requirements.
Connects directly to a Bluetooth printer for data printing.
Reduces operator error, allows for long term data archiving and supports long term data storage.
Ultra-lightweight and ergonomically designed for one-person operation.

performances

Flow rate range:150-3500m3/h
Compatible with conventional cleanroom clean environment and other clean environment monitoring
Comply with GMP standard
Bluetooth printer, can print
999 sets of stored data

appliance

Clean room air supply air volume
Cleanroom Return Air Volume
Acceptance of airflow in HVAC projects
Ventilation Duct Airflow Inspection
Ventilation Duct Inspection for Medical Operating Room

sisco

Model	FL-1
Measured air volume	150-3500m3/h
Relative error at full scale	±5%FS
Self-resistance	≤5Pa
Automatic storage	Airflow value of 999 air outlets
Printer	Bluetooth printer
Battery	Rechargeable battery, available for 6~8 hours after full.
Cloth cover	1、570×570(mm); 2、830×830(mm)
Bracket	Supportable bracket
Measurement Environment	Temperature:5~40℃;Relative humidity:10%~70%RH;Measurement of corrosive gases is strictly prohibited
Calibration Standards	JJF179/2019
Data Storage	No data loss after power failure (within 4H)
Data Export	Option
Environments	Temperature:5~35℃,Relative humidity:30%~70%RH,prohibited to measure corrosive gases
Warranty	Warranty 1 year, optional extended warranty service

Model:FL-02

FL-02 type balometer for clean room air supply air volume, air speed for accurate measurement, the clean room air exchange number to provide accurate data, air supply air volume, air speed is one of the main items of the clean room air exchange number.

FL-02 type balometer adopts Pitot tube principle, multi-point and multiple automatic detection of wind pressure, automatic calculation of air volume, wind speed and differential pressure are presented at the same time. Touch screen man-machine interaction, easy to operate. Account administrator rights, new, delete sub-users, WIF signal, can use the network can be remote control, protocol modbus. FL-02 type balometer can be used directly for the determination of the air outlet and pipeline air volume, measurement is fast and easy, widely used in HVAC, purification technology and other industries. In order to facilitate the customer's on-site testing work, specially equipped with a mobile bracket, the highest can be elevated 2.2m, the whole can be raised to 3.2m (including the body of the balometer 1m). According to the advanced technology of similar products abroad, our factory is the first to launch the production of this product in China. Every FL-02 type balometer shipped. out of the factory has passed the strict 0.5 level standard wind tunnel calibration device to carry out the multi-point air volume calibration, which provides reliable quality assurance for the users to accurately determine the air volume.

vantage

Provides a complete validation manual for easy compliance with pharmaceutical specification requirements。

Can be directly connected to a Bluetooth printer for data printing, setup, sampling, display, print and download data。

Preset storage sample program to reduce operator error, for long-term data archiving, support long-term data storage。

Ultra-light weight and ergonomic design for one-person operation。

Simultaneous display of air volume and air speed. Real-time display of ambient differential pressure. Selective printing and storage。

Account administrator rights, new, delete sub-users

Touch screen human-machine interaction, easy to operate。

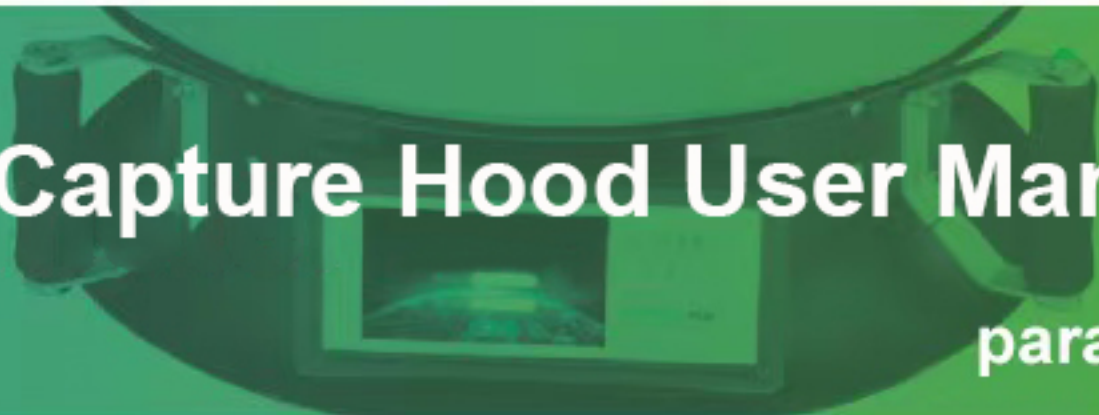WIF signal, can use the network can be remote control, protocol modbu。

performances

Flow range: 150-4000 m3/h

Compatible with conventional cleanroom clean environment and other clean environment monitoring

GMP compliant

4.3-inch touch screen for gloved use and simplified operation

Bluetooth printer, printable

20,000 sets of stored data

appliance

Clean room air supply air volume, air velocity, differential pressure detection

Cleanroom return air volume, air velocity detection

Acceptance of air volume of HVAC project

Ventilation duct air volume testing

Ventilation Duct Inspection for Medical Operating Room

sisco

Model	**FL-02**
Measured air volume	150~4000m3/h, wind speed is converted according to the air volume.
Differential pressure	Ambient pressure difference real-time display
Relative error at full scale	±5%FS
Self-resistance	≤ 5Pa
Automatic storage	20,000 airflow values of air outlets
Printer	Bluetooth printer
WIF signal	Support modbusTCP protocol
Touch screen	4.3-inch touch screen for gloved use
Battery	Rechargeable battery, 2.5 hours of use when fully charged.
Cloth Cover	1、570×570(mm); 2、830×830(mm)
Bracket	Supportable bracket
Detection Environment	Temperature:5~40℃;Relative humidity:10%~70%RH;Measurement of corrosive gases is strictly prohibited.
Account Management	Administrator privileges, new and deleted sub-users
Calibration Standards	JJF179/2019
Warranty	1 year warranty, optional extended warranty available