

Microbial Air Samplers

Advanced Features

- Full Compliance to 21 CFR 11 requirements (Data Management, General provisions and e-signatures)
- Bidirectional data transfer from software to device.
- Enhanced battery life, Li-Ion battery with 10 hour sample backup.
- Life time data storage for audit trail and sample runs.
- Splash proof 4.7 inch TFT LCD screen for operation.
- Software based operation to run sample and real time data monitoring
- Wireless network connectivity for operation, and report printing Applications A
- Pharmaceuticals, API, BioPharma, Vaccine, Plasma
- Food Processing
- Medical Devices
- Semiconductors
- Healthcare Sampler Body Construct
- Metal body - Anodized Aluminium
- Aspiring Head - SS 316 L, Anodized Aluminium and Single use aspiring units (Bio Compatible, USP CLASS VI Polycarbonate)

System Specification

Motor Type	Miniature Radial Blower, 6VDC
Display Interface	4.3" TFT LCD with Resistive Touch Screen
Current Software Version	AMS-001.00-1
Sampling Modes	Single Run, Multi Run & Compressed Air Run
Sample Location	1000 Numbers, Name User Defined

Sample Volume	Variable from 100 to 2000 liters
Sample Start Display	Variable from 5 secs to 300 seconds
No of Runs (Multi Mode)	Variable from 1 to 20 Runs
Display between runs	Variable from 5 secs to 300 seconds
Sample flow rates	100 liters / mins
Test Media (Plates)	Size : 90mm Test Plates (Plastic Petri Dishes)
Printers	USB printer & network printer
Unit Name & Equipment ID	User Defined
Group & User Managements	User Created / Edited / Discarded / Selectable
Configuration Managements (Location, Recipe & Remarks)	User Created / Edited / Discarded / Selectable
Software Access	User selection from No/View/Settings
Sample Data Records	Not editable records upto 100000 (Possible to increase the limits upto 2000000)
Input /Output	USB (Printer) & Wi-Fi (Internet Connection)
Audible Alarm	Electronic Buzzer
Dimensions	L*W*H : 6.44*4.73*11.04 inches (164*120*280mm)
Material	Aluminum Anodized
Weight	2.75kg
Battery Pack	12.8 Vdc 6000mAH
AC/DC/Charger Power Supply	Input : 90 -264 VAC, 47-63Hz, 15V-2.67A Full Battery Charge from Full Discharge
Battery Charging & Life	Approximately 3 hours battery life Approximately 10 hours @100 LPM
Operating Range	5-40°C , 10-80% RH; Indoor Use

Calibration
Calibration Frequency

Flow Rate 100 LPM
12 Months