



**AccuBas<sup>®</sup>**  **Ax2**  
BIOLOGICAL AIR SAMPLER

## Microbial Air Monitoring System



### Complies with

- *21 CFR Part 11*
- *EN ISO 14698 standard parts 1 & 2*



## Microbial Air Monitoring System

Air sampling is an essential step in the airborne contamination monitoring. The need for effective active air sampling is growing as regulations and standards for pharmaceutical products are increasing. Microxpress® presents AccuBas® Ax2 microbial air monitoring system based on Andersen Impaction Principle. It assure for accurate sampling, easy-to-use fully comply with all international standards and regulations – ensuring reproducible and reliable results.

Features	Benefits
Total Traceability	Location, Date, Time, Sampled Volume, User Detail and IQ, OQ, PQ documents available.
FDA CFR 21 part 11 compliant	PC/Printer communication.
Calibration due date reminder	Notification for calibration.
8 Users, 80 memories	Easy tracking of different users sampling record.
5 pre-set sampling volumes and 5 adjustable from 1- 9999 Litres	Compatible to various sampling volume options.
Displays 42,000 Litres sampling capacity at 100 % battery charge	Indicates number of sampling possible depending on available battery charge.
In-built sensor Indicates high and low airflow	Ensures constant air flow rate of 100 litres/min for accurate air sampling.
Usage of Lithium-ion rechargeable batteries & long life.	High power, high capacity & high charging rate
Portable and light weight	Convenient to use.

Technical Specification	
Principle	Microbial air monitoring system based on Andersen Impaction Principle.
Nominal airflow (Flow rate)	100 liters/min + 2.5%
Standard Sampling Volume (Fixed)	50, 100, 250, 500 & 1000 Liters
Freely Definable Sampling Volume	1 to 9999 Liters
<b>Sampling Head</b>	
Diameter	7.5 cms
Weight	9.0 g
Material	Anodized Aluminium
Autoclavable	20 minutes at 121°C
Height	35 cm.
Diameter	12 cm.
Net Weight	2.78 Kg
Power Adaptor	12.0V DC
Battery	Li-Ion battery, 11.1V 6000mAh
Powder Unit / Battery Charger	110-240 AC Volts, 50-60Hz / 12V DC.
Running Time	>8Hrs Continuously
Display	Graphical LCD
Motor	12V DC, Centrifugal Blower
Driving Motor	PWM Frequency for Driving Motor
Airflow Regulation	Thermal Mass Flow Meter, Digitally Controlled

