

ELENA AIR SAMPLER

The EAS100 Elena Microbial Air Sampler is a high-efficiency airborne microorganism monitoring device designed for cleanroom environments. Based on the isokinetic sampling principle, it accurately collects viable airborne particles by matching the air intake velocity with the surrounding cleanroom airflow.

The sampled air is directed through a SUS316L stainless steel sampling head, allowing microorganisms to impact evenly onto the agar surface of a culture plate. This design ensures reliable and efficient microbial collection, providing an accurate representation of cleanroom contamination levels.

The EAS100 offers excellent collection efficiency for viable particles and is compliant with UNI EN 17141:2020 requirements for cleanroom bio contamination control.

FEATURES

- Variable Flow 100 LPM, 180 LPM, 200 LPM
- 3 Programs can be selectable
- 7 Hrs. Battery Back-up
- Easy to clean, suitable for cleanroom conditions
- UNI 17141:2020 Compliant



Model No	EAS100	EAS180	EAS200
Flow Rate	100 LPM	180 LPM	200 LPM
Weight	3.00 kg	3.00 kg	3.00 kg

Technical parameters	
Preset volume	3 Preset, 10-9999L
Battery	5 Hours Continuous Sampling, 2 Hours Charge time
Carry Case	Water proof
Data Records	1000 Reports
Dimensions	110 x 110 x 230 mm
Petri Dish Compatibility	standard 90 mm petri dish
Display	3.5 inch LED color touch screen
Operating Environment	Temperature 0-40°C, 0-90% Humidity non condensing,
Power	16.8 V DC power adapter
Time/Date Formats	Time format 24 hours, Date format DD/MM/YYYY
Bluetooth Printer	Optional

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