Hygienic & Clean
Air Sampler

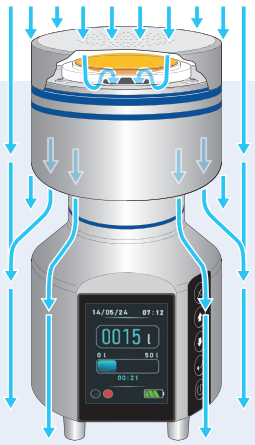
MICROBIOLOGICAL AIR SAMPLER

PORTABLE version

MAIN FEATURES

Suitable design for CONTROLLED ENVIRONMENTS

- Screw-less design
- Electropolished Stainless steel 316L grade
- FDA approved Gasket

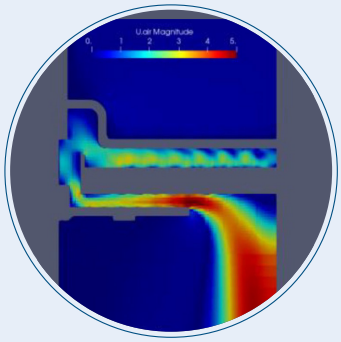


Tested according to ISO 14644-14 for particle emissions

- Suitable for Grade A (ISO5) clean rooms

Validated according to EN17141 and ISO 14698 by external competent laboratory

- d50 value smaller than 2µm for all the configurations
- High biological efficiency



VHP resistant

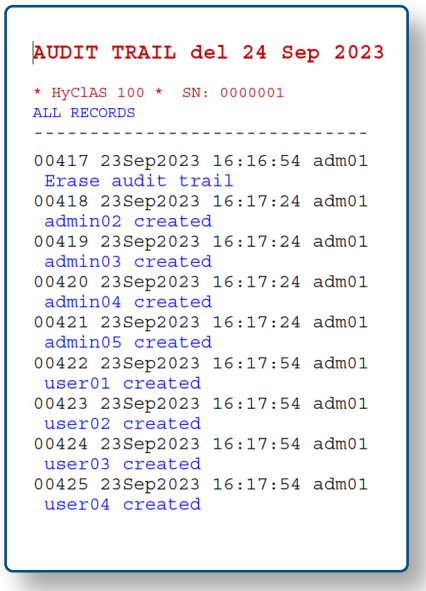
- Tested both in steady and running mode

DATA INTEGRITY

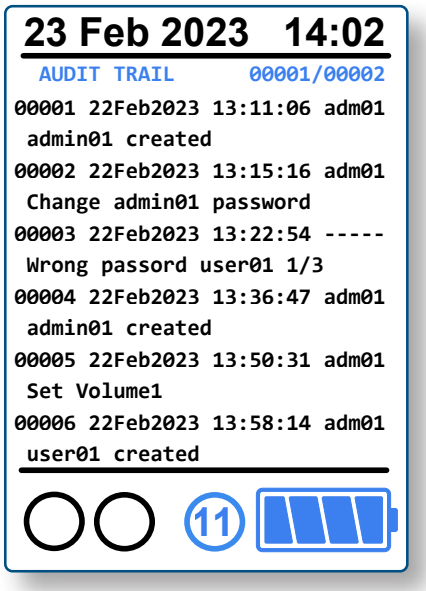
AUDIT TRAIL

- Up to 24000 events recorded
- Filtering by time or user

21 CFR Part 11 FDA COMPLIANT



Audit Trail on PDF File



Audit Trail on Air Sampler Display

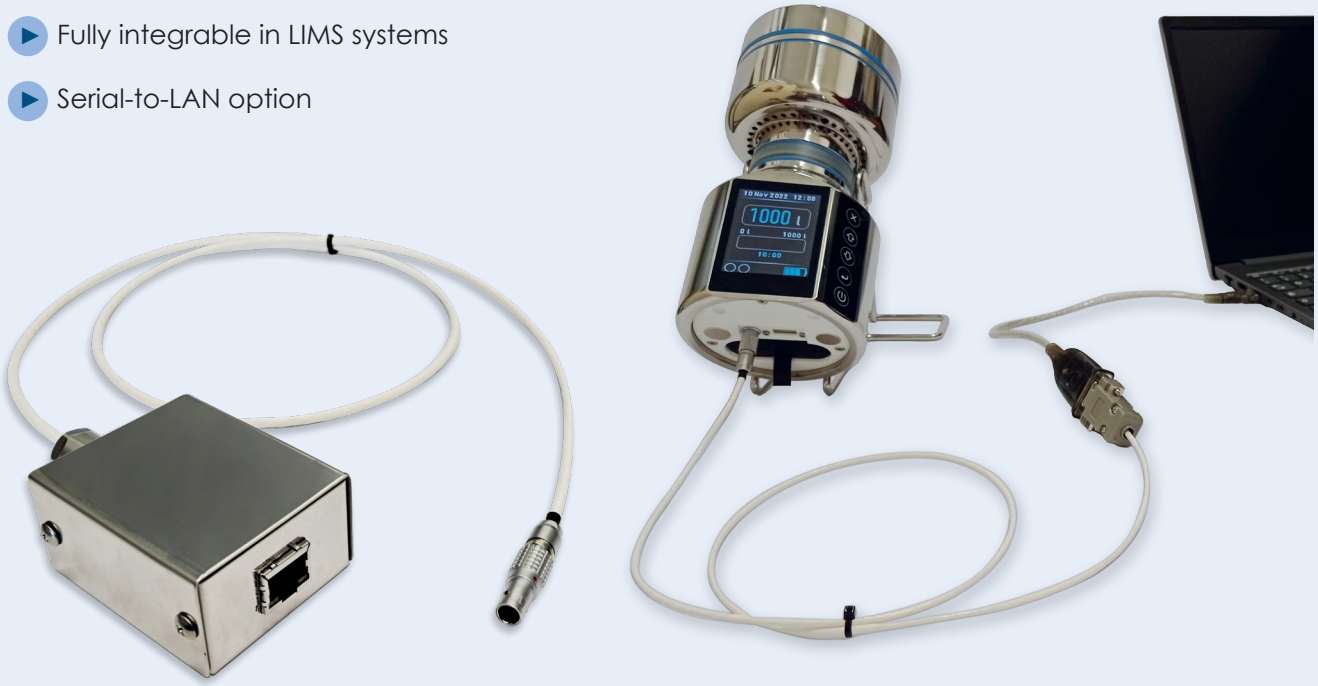
ACCESS LEVEL

- Three levels access: User, Supervisor, Administator
- Configurable access permissions

	Function	User	Supervisor	Administrator
▶	SELECT VOLUME	☑	☑	☑
	MODIFY VOLUME	☐	☑	☑
	SELECT DELAY	☐	☑	☑
	SELECT MULTIMODE	☐	☑	☑
	MODIFY MULTIMODE	☐	☑	☑
	SELECT LANGUAGE	☐	☑	☑

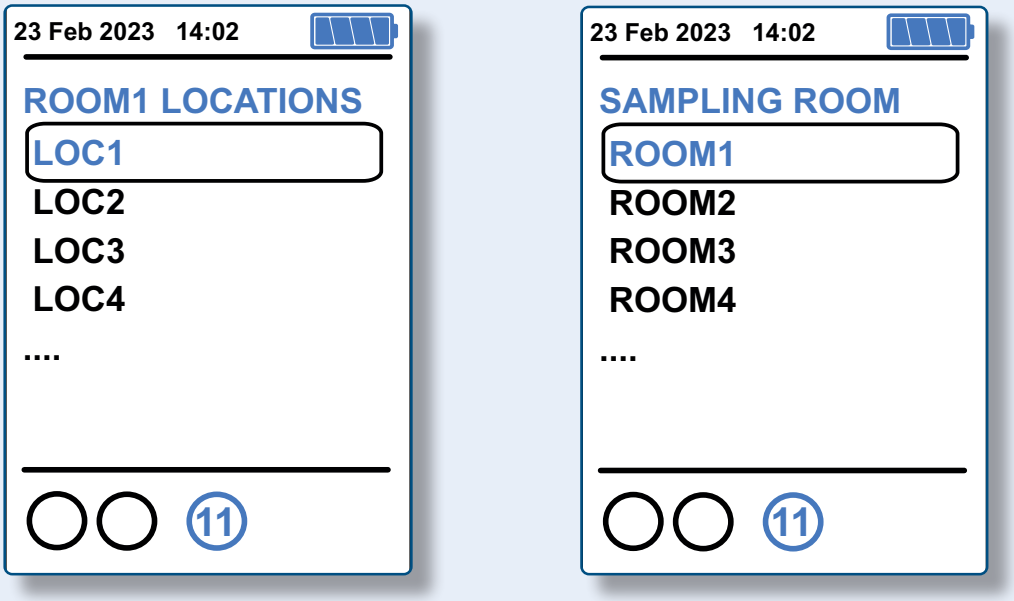
LIMS

- Fully integrable in LIMS systems
- Serial-to-LAN option



ROOM/LOCATION

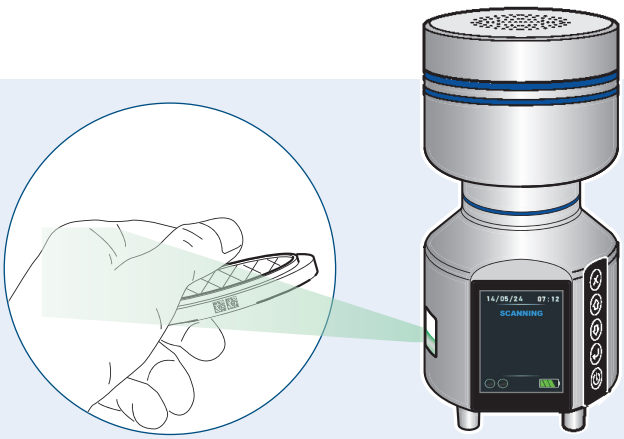
- Up to 2000 room/location combinations



ACCESSORIES

2D barcode scanner

- Superior traceability with integrated reader for plate with barcode



Bluetooth™ printer

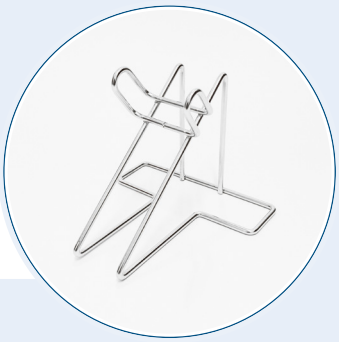
- Print sampling data and Audit trail directly

Compressed gas

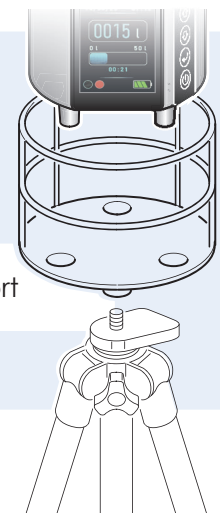
- Connect the HYCLAS to compressed air system

Table and Tripod stand support

- Table stand support



- Tripod stand support



SPECIFICATIONS

SPECIFICATION	Hyclas 100	Hyclas 180
	PS100-2L-P	PS180-2L-P
Flow rate	100L/min ±5%	180L/min ±5%
Sampling time	1000L/10min	1000L/5.5min
Autonomy	8hours	4hours
Dimensions	Ø103mm/h250mm	Ø103mm/h250mm
Weight	2,6kg	2,6kg
Material of Construction	Electropolished stainless steel 316L grade	Electropolished stainless steel 316L grade
Display	2,4" High contrast TFT display	2,4" High contrast TFT display
Plate type	Petri Ø90mm / Contact Ø55mm	Petri Ø90mm / Contact Ø55mm
Type of sampler	Impact sieve sampler	Impact sieve sampler
Settable volume	1-2000L	1-2000L
Export data	USB-LIMS	USB-LIMS
Data integrity	Audit Trail/	Audit Trail/
Battery type	Removable Lithium-Ion rechargeable	Removable Lithium-Ion rechargeable
Supplied battery	2	2
Compliance	ISO14698-1, EN 17141, 21 CFR Part 11, ISO 14644-14	ISO14698-1, EN 17141, 21 CFR Part 11, ISO 14644-14
Sampling records	9999	9999
Audit trail events	24000	24000
Sampling locations	2000	2000