



*Hygienic & Clean
Air Sampler*

MICROBIOLOGICAL AIR SAMPLER

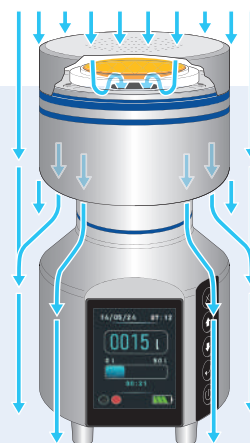
PORTABLE version



MAIN FEATURES

Suitable design for CONTROLLED ENVIRONMENTS

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



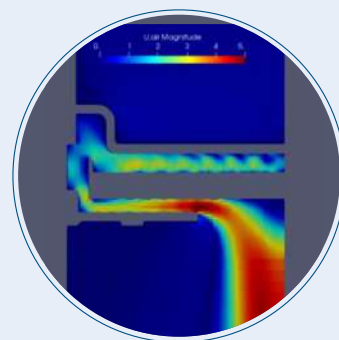
Tested according to ISO 14644-14 for particle emissions

- ▶ 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



AUDIT TRAIL del 24 Sep 2023

```
* HyCLAS 100 * SN: 0000001
ALL RECORDS
-----
00417 23Sep2023 16:16:54 adm01
Erase audit trail
00418 23Sep2023 16:17:24 adm01
admin02 created
00419 23Sep2023 16:17:24 adm01
admin03 created
00420 23Sep2023 16:17:24 adm01
admin04 created
00421 23Sep2023 16:17:24 adm01
admin05 created
00422 23Sep2023 16:17:54 adm01
user01 created
00423 23Sep2023 16:17:54 adm01
user02 created
00424 23Sep2023 16:17:54 adm01
user03 created
00425 23Sep2023 16:17:54 adm01
user04 created
```

Audit Trail on PDF File

23 Feb 2023 14:02

AUDIT TRAIL 00001/00002

```
00001 22Feb2023 13:11:06 adm01
admin01 created
00002 22Feb2023 13:15:16 adm01
Change admin01 password
00003 22Feb2023 13:22:54 -----
Wrong password user01 1/3
00004 22Feb2023 13:36:47 adm01
admin01 created
00005 22Feb2023 13:50:31 adm01
Set Volume1
00006 22Feb2023 13:58:14 adm01
user01 created
```



Audit Trail on Air Sampler Display

ACCESS LEVEL

- ▶ Three levels access: User, Supervisor, Administrator
- ▶ 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

23 Feb 2023 14:02 

ROOM1 LOCATIONS

LOC2

LOC3

LOC4

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SAMPLING ROOM

ROOM2

ROOM3

ROOM4

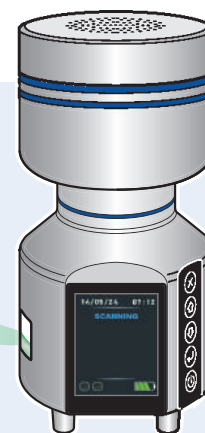
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ACCESSORIES

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

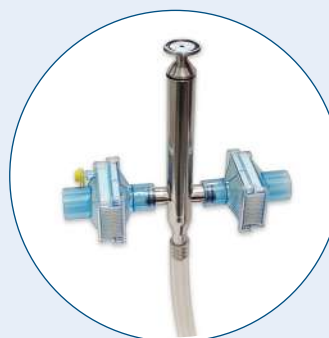
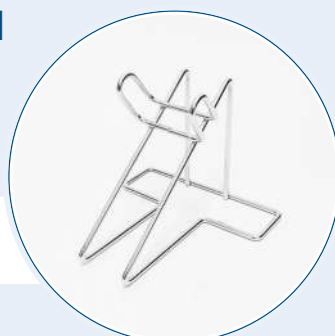
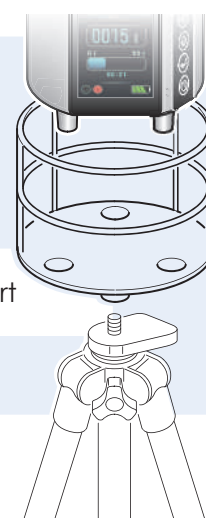


Table and Tripod stand support

- ▶ Table stand support



- ▶ Tripod stand support



SPECIFICATIONS

SPECIFICATION	Hyclas 100	Hyclas 180
	PS100-2L-P	PS180-2L-P
Flow rate	100L/min $\pm 5\%$	180L/min $\pm 5\%$
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