Cytostatic Isolators CMRI

Safe working under protected conditions

Cytostatic Isolators CMRI

provide safe handling of highly active substances thanks to closed containment and negative pressure operation from -30 to -100 Pa.

Developed and manufactured in accordance with DIN EN ISO 12980 and ISO 14644 Part 7.

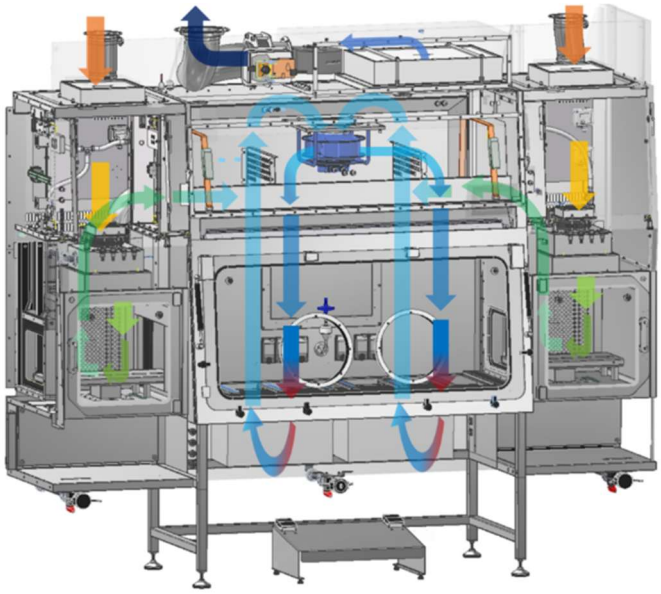
Laminar flow 0.45 m/s ± 20 via H14 HEPA filters.

Double-sided transfer hatches for easy entry and exit of products and safe operation.



Key Features

- Modular design
- Cleanroom class within the isolator according to ISO 14644-1 Class 5 / GMP Grade A throughout the entire working area
- Easy setup, operation, and maintenance
- Automatic pressure decay test according to ISO 14644-7
- Sterile glove leak testing/change system
- Filter testing and maintenance accessible from the front
- Optional switchover to positive pressure operation
- Optional integrated H_2O_2 decontamination system for Log 6 reduction
- Optional catalyst for faster H_2O_2 aeration/decomposition
- Custom designs and further options available upon request



Legend:

- Supply air
- Single HEPA-filtered supply air
- Double-filtered supply air in the transfer hatch
- HEPA-filtered exhaust air from the transfer hatch
- HEPA-filtered return recirculating air
- Double HEPA-filtered laminar flow
- Potentially contaminated recirculating air in the working area
- HEPA-filtered exhaust air

EHRET GmbH Life Science Solutions | 79111 Freiburg | Germany | Tel.: +49 761 45287 6-0 | **info@ehret-solutions.de** | **www.ehret-solutions.de**

Technical Data, Equipment, and Options

Model	CMRI-2H2S	CMRI-2H2S-L	CMRI-4H2S
Total external dimensions with 2 hatches WxHxD (mm)	2550x2490x960	2850x2490x960	3150x2490x960
External dimensions of isolator WxHxD (mm)	1300x2490x960	1600x2490x960	1900x2490x960
Internal dimensions of isolator WxHxD (mm)	1196x735x650	1496x735x650	1796x735x650
Net weight (kg)	750	850	950
Internal transfer door WxH (mm)	325x270		
Outer casing / Working chamber	1.4301 (AISI 304) / 1.4404 (AISI 316L)		
Number of sleeves (PU 0.25 mm) / Ø mm	2 / 300	2 / 300	4 / 300
Sleeve openings (mm) approx. height / distance	1100 / 450	1100 / 550	1100 / 550
Power Consumption 230 V / 50 Hz (W)	1900	1900	2300
Airflow	70% Recirculating air / 30% Exhaust air		
Exhaust air volume (m³/h) max.	360		
Noise level dB(A)	60		
Chamber pressure relative to ambient (Pa)	-100 to -30		
Inner hatch doors as electric sliding glass door	■	■	■
Manual transfer table	■	■	■
Electric/automatic transfer tables	□	□	□
Isokinetic probe in the workspace without particle counter	□	□	□
Sterilizing gas line 1" and valves for H2O2 decontamination	□	□	□
Multi-use function: Positive/Negative pressure	□	□	□
IP65 double socket in the workspace	□	□	□
IT connection (USB, RS232, RJ45, 24V DC)	□	□	□

100 Jahre excellence in the development, manufacturing, distribution, and qualification of equipment and systems for laboratory, pharmaceutical, and cleanroom technology

■ Standard | □ Option - not available

MADE IN GERMANY

October 2026 · Subject to technical modifications without notice