

# Optimal efficiency, safety and functionality



## Thermo Scientific Heraguard ECO Clean Benches

Thermo Scientific™ Heraguard™ ECO clean benches are ideal for laboratory applications where sample protection is required. Due to DC motors, the clean benches use less energy to operate so there is less heat emitted into the lab.\*

### **Heraguard ECO clean benches provide:**

- ISO class 5 minimum conditions achieved in the work area
- EU GMP Grade A work environment achieved in the work area
- Sample protection
- Ease of use

### **Choose the configuration that meets your laboratory needs:**

- Further enhance the convenience of the Thermo Scientific™ SmartPort™ by adding hanging bars inside the work area. The included SmartPort design provides clean and safe routing for vacuum tubing and cables through the side of the clean bench to improve organisation and work efficiency.
- An optional UV light can be fitted into the top of the work space to disinfect the worktop.
- Protect the user against the dry purified air with a wind screen that is folded under the light housing and flipped down for use.
- An optional stainless steel work surface can be added to improve durability for demanding applications.

### UV disinfection (optional)

A UV light can be fitted into the top of the work space to disinfect the worktop.

### Transparent hinged wind screen (optional)

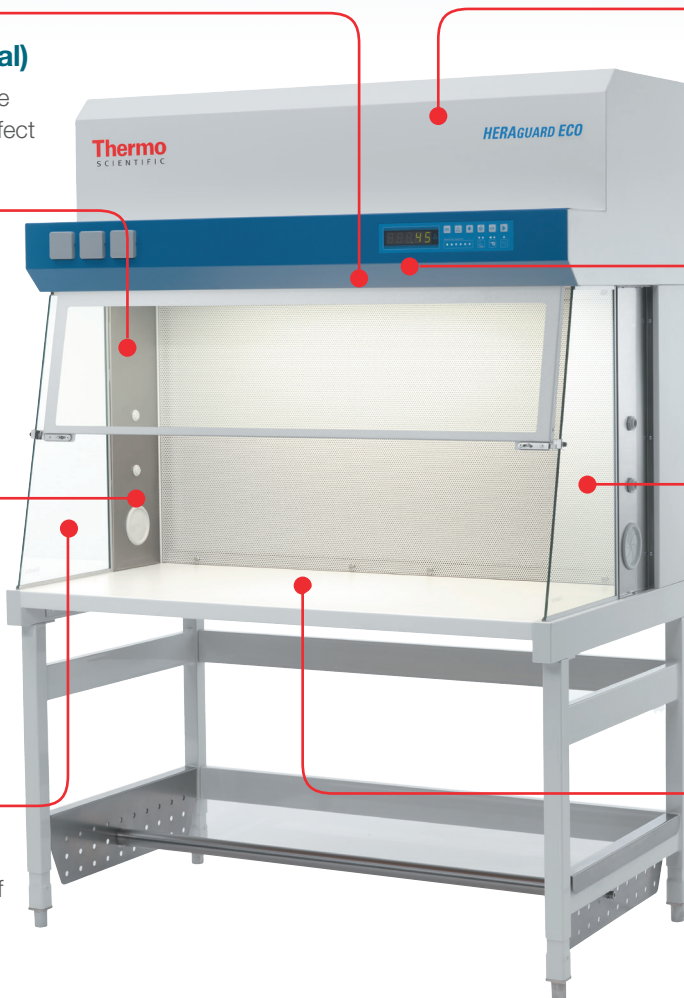
Protects the user against the dry purified air flow. The wind screen is folded under the light housing and can be flipped down for use.

### SmartPort convenience

Clean and safe routing for vacuum tubing and cables through the side of the clean bench improves organisation and work efficiency.

### Modular side windows

The side windows are made of single pane safety glass with an access port for tubing or a media tap. Optionally, a lacquered sheet steel plate with three holes can be used.



### Prefilter

The prefilter on the intake side can be changed by hand, without the need for tools. Prefilter exchange is made economical and easy.

### Intuitive control panel

Displays safety and performance data.

### Easy HEPA filter exchange

The H14 HEPA filter is easily removed from the front – a simple process that does not involve any disassembly or removal of equipment from the wall. This saves time during service visits.

### Choice of work tops

Standard melamine work tops or optional stainless steel tops are available for different applications and individual work space designs.

\* Based on data from internal testing and The University of Michigan Field Study, published in American Biotechnology Laboratory.

## Specification

Size/Internal Width	0.9m	1.2m	1.5m	1.8m	1.8m/95
Exterior dimensions WxHxD (mm)	1000 x 1170 x 810	1300 x 1170 x 810	1600 x 1170 x 810	1900 x 1170 x 810	1900 x 1475 x 1010
Interior dimensions WxHxD (mm)	920 x 645 x 585	1220 x 645 x 585	1520 x 645 x 585	1820 x 645 x 585	1820 x 950 x 785
Shipping dimensions WxHxD (mm)	1130 x 1320 x 980	1140 x 1320 x 980	1730 x 1320 x 980	2030 x 1320 x 980	2030 x 1620 x 1180
Net weight (Kg)	110	125	140	160	170
Shipping weight (Kg)	135	150	180	200	220
Light power (Lx)	>1000				
Receptacles	3				
Noise level (dBA)	<55		<60		
Energy consumption, operating set point (W)	270		550		
Normal heat output in operation (BTU/hr)	920		1840		



Control panel



Left hand glass with metal sheet and two service valves



UV-resistant night cover



Wind screen protection kit



## Part Codes and Accessories

Description	Part Code				
	0.9m	1.2m	1.5m	1.8m	1.8m/95
Heraguard ECO Clean Bench, 230v, 50/60Hz	51029701	51029702	51029703	51029704	51029705
Windscreen protection kit	50052208	50052460	50052461	50052462	
Fixed floor stand (height of 680mm)	50116441	50109309	50116442	50109311	
Castor set - Fixed stands only	50109977				
Manual adjustable floor stand (height of 680-880mm)	50116443	50109312	50116444	50109313	
Foot rest bars	50051982	50051983	50051984	50051985	
Stainless steel work surface	51901074	51901075	51901076	51901077	51901078
Factory installed UV light option including night cover	51901073				
Vacuum tap G3/8 connection (grey) with long neck	50044678				
Water tap G3/8 connection (black) with long neck	50044679				
Non-combustible G3/8 connection (green) with long neck	50045959				
Combustible G3/8 connection (yellow) with long neck	50046015				
Solenoid valve for combustible G3/8 (yellow) connection	50074905				
Lead through for hose connections 10-13mm inner diameter hose	50059017				
Lead through for hose connections 3mm inner diameter hose	50076408				
Left hand glass with metal sheet and 3 media valve holes	51901071				
Right hand glass with metal sheet and 3 media valve holes	51901072				
Hanging bar with hooks	50073943	50073944			
Ergolign cleanroom saddle stool	ERG-CR-2330				
Switzerland country configuration	51900300				
UK country configuration	51900303				
Italy country configuration	51900306				
France country configuration	51900448				
Denmark country configuration	51900481				

Do you require a biosafety cabinet to complement your clean bench?

## Advanced Airflow

Don't sacrifice security. **Thermo Scientific Herasafe 2030i Series** Biological Safety Cabinets feature SmartFlow Plus technology to keep your samples safe.



Find out more at [thermofisher.com/bsc](https://thermofisher.com/bsc)

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