Regional selection guide

Thermo Scientific™ Biological Safety Cabinets and Clean Benches



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North America

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Model	1500 Series A2 (Made in USA)	Herasafe 2030i	1500 B2	Maxisafe 2030i	Heraguard ECO
Type	Class II, Type A2 biological safety cabinet (BSC)		Class II, Type B2 BSC	Class II cytotoxic cabinet	Clean bench
Direct Current (DC) motors	Dual	Dual		Dual	Single (supply)
Night setback mode	•	•		•	•
Customizable worktops	•	•		•	
Standard armrests	•	•		•	
SmartPort convenience	•	•	Optional	•	Optional
Receptacles	2 duplex	1 duplex, 2 duplex*	2 duplex	1 duplex, 2 duplex*	1 duplex on front panel
Service valves on each side wall	3	2	2	2	2, optional
Sash movement	Manual	Motorized	Manual	Motorized	
Glass side walls		•		•	•
Available interior surfaces	304 stainless steel, SmartCoat	316L stainless steel	304 stainless steel	316L stainless steel	Painted metal diffuser
Available work surface	304 stainless steel	316L stainless steel	304 stainless steel	316L stainless steel	316 stainless steel, melamine
Window cleaning feature	SmartClean	SmartClean Plus		SmartClean Plus	
UV light (option)	Single UV light	Crossbeam UV	Single UV light	Crossbeam UV	Single UV light
Touchscreen GUI	•	•		•	
Ergonomic armrests (option)	•	•		•	
Auto-compensating airflow technology	SmartFlow Plus	SmartFlow Plus	Downflow only	SmartFlow Plus	Supply only
Independent airflow monitoring	DAVe Plus	DAVe Plus	Exhaust only	DAVe Plus	DAVe
LED lighting	•	•	•	•	•
Sash height options	8 in. (20 cm), 10 in. (25 cm)	10 in. (25 cm)	8 in. (20 cm)	8 in. (20 cm)	
Data logging via USB	•	•		•	
OPCUA connectivity	•	•		•	
3rd party Certified to	NSF	NSF	NSF	DIN 12980	

*Two duplex outlets on 5 and 6 ft sizes.

Note: Availability may depend on country or state. Please contact your local Thermo Fisher Scientific Sales Representative for details.

Latin America



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Model	1500 Series A2 (Made in USA)	Herasafe 2030i	1500 B2	Maxisafe 2030i	Heraguard ECO
Type	Class II, Type A2 biological safety cabinet (BSC)		Class II, Type B2 BSC	Class II cytotoxic cabinet	Clean bench
Direct Current (DC) motors	Dual	Dual		Dual	Single (supply)
Night setback mode	•	•		•	•
Customizable worktops	•	•		•	
Standard armrests	•	•		•	
SmartPort convenience	•	•	Optional	•	Optional
Receptacles	120V: 2 duplex 230V: 2 single	120V: 1 duplex, 2 duplex* 230V: 1 single, 2 single*	120V: 2 duplex 230V: 2 single	120V: 1 duplex, 2 duplex* 230V: 1 single, 2 single*	120V: 1 duplex on front panel 230V: 3 single on front panel
Service valves on each side wall	3	2	2	2	2, optional
Sash movement	Manual	Motorized	Manual	Motorized	
Glass side walls		•		•	•
Available interior surfaces	304 stainless steel, SmartCoat	316L stainless steel	304 stainless steel	316L stainless steel	Painted metal diffuser
Available work surface	304 stainless steel	316L stainless steel	304 stainless steel	316L stainless steel	316L stainless steel
Window cleaning feature	SmartClean	SmartClean Plus		SmartClean Plus	
UV light (option)	Single UV light	Crossbeam UV	Single UV light	Crossbeam UV	Single UV light
Touchscreen GUI	•	•		•	
Ergonomic armrests (option)	•	•		•	
Auto-compensating airflow technology	SmartFlow Plus	SmartFlow Plus	Downflow only	SmartFlow Plus	Supply only
Independent airflow monitoring	DAVe Plus	DAVe Plus	Exhaust only	DAVe Plus	DAVe
LED lighting	•	•	•	•	•
Sash height options	20 cm (8 in,). 25 cm (10 in.)	25 cm (10 in.)	20 cm (8 in.)	20 cm (8 in.)	
Data logging via USB		•		•	
OPCUA connectivity	•	•		•	
3rd party Certified to	NSF	NSF/EN12469	NSF	DIN 12980	

* 120V (four receptacles (two duplex) on 1.5m (5 ft) and 1.8m (6ft) sizes), 230V (two receptacles on 1.5m (5 ft) and 1.8m (6ft) sizes)

Note: Availability may depend on country or state. Please contact your local Thermo Fisher Scientific Sales Representative for details.

Asia Pacific

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Model	1000 Series A2	MSC-Advantage	1500 Series A2 (Made in China)	1500 Series A2 (Made in USA)	Herasafe 2025	Herasafe 2030i	1500 Series B2	Maxisafe 2030i	Heraguard ECO
Type	Class II biological safety cabinet (BSC)						Class II, Type B2 BSC	Class II cytotoxic cabinet	Clean bench
Country/ subregion availability	China	Australia & New Zealand, Hong Kong, India, South Korea, South-East Asia	China, Hong Kong, India, South Korea, South-East Asia	Hong Kong, India, Japan, Taiwan, South Korea, South-East Asia	Australia & New Zealand, Hong Kong	Australia & New Zealand, Hong Kong, India, Japan, South Korea, South-East Asia, Taiwan	Hong Kong, India, South Korea, South-East Asia, Taiwan	Australia & New Zealand, Hong Kong, India, Japan, South Korea, South-East Asia, Taiwan	Australia & New Zealand, China, Hong Kong, India, South Korea, South-East Asia, Taiwan
Direct Current (DC) motors	Dual	Dual	Dual	Dual	Dual	Dual		Dual	Single (supply)
Night setback mode	•	•	•	•	•	•		•	•
Customizable worktops		•	•	•	•	•		•	
Standard armrests	•	•	•	•	•	•	Optional	•	
SmartPort convenience		•	• (except: cat. no. 1574 and 1579)	•		•	Optional	•	Optional
Receptacles	2 duplex	2, 4*	2 single	120V: 2 duplex 230V: 2 single	2 single	2, 4*	120V: 2 duplex 230V: 2 single	2, 4*	3 on front panel
Service valves on each side wall	2	2	3	3	2 on rear wall**	2 on each side wall 3 on rear wall**	1, optional	2 on each side wall 3 on rear wall**	2, optional
Sash movement	Manual	Manual	Manual	Manual	Motorized	Motorized	Manual	Motorized	
Glass side walls					•	•		•	•
Available interior surfaces	304 stainless steel	SmartCoat	304 stainless steel, SmartCoat	304 stainless steel, SmartCoat	304 stainless steel	316L stainless steel	304 stainless steel	316L stainless steel	Painted metal diffuser
Available work surface	304 stainless steel	316L stainless steel	304 stainless steel	304 stainless steel	316L stainless steel	316L stainless steel	304 stainless steel	316 stainless steel	316 stainless steel, melamine
Window cleaning feature	SmartClean	SmartClean	SmartClean	SmartClean	SmartClean Plus	SmartClean Plus		SmartClean Plus	
UV light (option)	Single UV light	Single UV light	Single UV light	Single UV light	Crossbeam UV	Crossbeam UV	Single UV light	Crossbeam UV	Single UV light
Touchscreen GUI			•	•		•		•	
Ergonomic armrests (option)			•	•	•	•		•	
Auto-compensating airflow technology	SmartFlow	SmartFlow	SmartFlow Plus	SmartFlow Plus	SmartFlow Plus	SmartFlow Plus	Downflow only	SmartFlow Plus	Supply only
Independent airflow monitoring	DAVe	DAVe	DAVe Plus	DAVe Plus	DAVe Plus	DAVe Plus	Exhaust only	DAVe Plus	DAVe
LED lighting		•	•	•	•	•	•	•	•
Sash height options	25 cm (10 in.)	20 cm (8 in.)	25 cm (10 in.)	20 cm (8 in.), 25 cm (10 in.)	20 cm (8 in.)	20 cm (8 in.), 25 cm (10 in.)	20 cm (8 in.)	20 cm (8 in.)	
OPCUA Connectivity		•	•	•	•	•		•	
3rd party Certified to	YY/GB	EN12469	NSF/YY/GB	NSF	EN12469	EN12469	NSF	DIN 12980	

* Four receptacles on 1.5m and 1.8m sizes. ** Standard for models with pre-installed UV light.

Note: Availability may depend on country or state. Please contact your local Thermo Fisher Scientific Sales Representative for details.

Australia and New Zealand

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Model	MSC-Advantage	Herasafe 2025	Herasafe 2030i	Maxisafe 2030i	Heraguard ECO
Type	**Class II biological safety cabinet**			**Class II cytotoxic cabinet**	**Clean bench**
Direct Current (DC) motors	Dual	Dual	Dual	Dual	Single (supply)
Night setback mode	•	•	•	•	•
Customizable worktops	•	•	•	•	
Standard armrests	•	•	•	•	
SmartPort convenience	•		•	•	Optional
Receptacles	2, 4*	2	2, 4*	2, 4*	3 on front panel
Service valves on each side wall	2	2 on rear wall**	2 on each side wall 3 on rear wall**	2 on each side wall 3 on rear wall**	2, optional
Sash movement	Manual	Motorized	Motorized	Motorized	
Glass side walls		•	•	•	•
Available stainless steel interior surfaces	SmartCoat	304 stainless steel	316L stainless steel	316L stainless steel	Painted metal diffuser
Available stainless steel interior surfaces	304 stainless steel	316L stainless steel	316L stainless steel	316L stainless steel	316 stainless steel, melamine
Window cleaning feature	SmartClean	SmartClean Plus	SmartClean Plus	SmartClean Plus	
UV light (option)	Single UV light	Crossbeam UV	Crossbeam UV	Crossbeam UV	Single UV light
Touchscreen GUI			•	•	
Ergonomic armrests (option)	•	•	•	•	
Auto-compensating airflow technology	SmartFlow	SmartFlow Plus	SmartFlow Plus	SmartFlow Plus	Supply only
Independent airflow monitoring	DAVe	DAVe Plus	DAVe Plus	DAVe Plus	DAVe
LED lighting	•	•	•	•	•
Sash height options	200 mm	200 mm	200 mm/250 mm	200 mm	
OPCUA connectivity	•	•	•	•	
AS certified by NATA accredited facility	**AS 2252.2**	**AS 2252.2**	**AS 2252.2**		**AS 2252.6**
3rd party Certified to	EN12469	EN12469	EN12469	EN12469/DIN 12980	

* Four receptacles on 1.5m and 1.8m sizes.
**Standard for models with pre-installed UV light.

Note: Availability may depend on country or state. Please contact your local Thermo Fisher Scientific Sales Representative for details.

Europe

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Model	MSC-Advantage	Herasafe 2025	Herasafe 2030i	Maxisafe 2030i	Heraguard ECO
Type	Class II biological safety cabinet			Class II cytotoxic cabinet	Clean bench
Direct Current (DC) motors	Dual	Dual	Dual	Dual	Single (supply)
Night setback mode	•	•	•	•	•
Customizable worktops	•	•	•	•	
Standard armrests	•	•	•	•	
SmartPort convenience	•		•	•	Optional
Receptacles	2	2	2, 4*	2, 4*	3
Service valves on each side wall	2	2	2	2	2, optional
Sash movement	Manual	Motorized	Motorized	Motorized	
Glass side walls		•	•	•	•
Available interior surfaces	SmartCoat	304 stainless steel	316L stainless steel	316L stainless steel	Painted metal diffuser
Available work surface	316L stainless steel	316L stainless steel	316L stainless steel	316L stainless steel	316L stainless steel melamine
Window cleaning feature	SmartClean	SmartClean Plus	SmartClean Plus	SmartClean Plus	
UV light (option)	Single UV light	Crossbeam UV	Crossbeam UV (self-adjusting)	Crossbeam UV (self-adjusting)	Single UV light
Touchscreen Graphical User Interface (GUI)			•	•	
Ergonomic armrests (option)	•	•	•	•	
Auto-compensating airflow technology	SmartFlow	SmartFlow Plus	SmartFlow Plus	SmartFlow Plus	Supply
Independent airflow monitoring	DAVe	DAVe Plus	DAVe Plus	DAVe Plus	DAVe
LED lighting	•	•	•	•	•
Sash height options	200 mm	200 mm	200 mm/250 mm	200 mm	
Data logging via USB			Embedded	Embedded	
OPCUA connectivity	•	•	•	•	
NF EN 12469 standard certified by TÜV†	•	•	•	•	
NF 12469 standard certified by LNE‡	**0.9 and 1.2 m models**	**1.2 m model**	**1.2 m model**		
3rd party Certified to				DIN 12980	

* Four receptacles on 1.5m and 1.8m sizes.
† Certified to EN 12469 for standard Class II BSC, and to EN12469 and DIN 12980 for the Maxisafe 2030i Class II BSC, by TÜV Nord.
‡ Certified to NF 12469 with the NF mark by LNE.

Note: Availability may depend on country or state. Please contact your local Thermo Fisher Scientific Sales Representative for details.

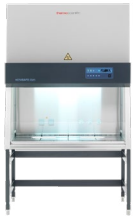
Middle East and Africa



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Model	1500 Series A2	MSC-Advantage	Herasafe 2025	Herasafe 2030i	1500 B2	Maxisafe 2030i	Heraguard ECO
Type	Class II biological safety cabinet (BSC)				Class II, Type B2 BSC	Class II cytotoxic cabinet	Clean bench
Direct current (DC) motors	Dual	Dual	Dual	Dual		Dual	Single (supply)
Night setback mode	•	•	•	•		•	•
Customizable worktops	•	•	•	•		•	
Standard armrests	•	•	•	•		•	
SmartPort convenience	•	•		•	Optional	•	Optional
Receptacles	2 duplex	2, 4*	2 single	1 duplex, 2 duplex*	2 duplex	1 duplex, 2 duplex*	1 duplex on front panel
Service valves on each side wall	3	Optional	3 on rear wall	2	2	2	2, optional
Sash movement	Manual	Manual	Motorized	Motorized	Manual	Motorized	
Glass side walls			•	•		•	•
Available interior surfaces	304 stainless steel, SmartCoat	SmartCoat	304 stainless steel	316L stainless steel	304 stainless steel	316L stainless steel	Painted metal diffuser
Available work surface	304 stainless steel	316L stainless steel	316L stainless steel	316L stainless steel	304 stainless steel	316L stainless steel	316L stainless steel, melamine
Window cleaning feature	SmartClean	SmartClean	SmartClean Plus	SmartClean Plus		SmartClean Plus	
UV light (option)	Single UV light	Single UV light	Crossbeam UV	Crossbeam UV	Single UV light	Crossbeam UV	Single UV light
Touchscreen GUI	•			•		•	
Ergonomic armrests (option)	•	•	•	•		•	
Auto-compensating airflow technology	SmartFlow Plus	SmartFlow	SmartFlow Plus	SmartFlow Plus	Downflow only	SmartFlow Plus	Supply only
Independent airflow monitoring	DAVe Plus	DAVe	DAVe Plus	DAVe Plus	Exhaust only	DAVe Plus	DAVe
LED lighting	•	•	•	•	•	•	•
Sash height options	20 cm (8 in,). 25 cm (10 in.)	200 mm	200 mm	200 mm/250 mm	200 mm	200 mm	
Data logging via USB				Embedded		Embedded	
Cloud connectivity				•**		•**	
3rd party Certified to	NSF	EN12469	EN12469	EN12469	NSF	DIN 12980	

* Four receptacles on 1.5m and 1.8m sizes.

**Availability of cloud connectivity depends on country.

Note: Availability may depend on country or state. Please contact your local Thermo Fisher Scientific Sales Representative for details.

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