

# Regional selection guide

Thermo Scientific™ Biological Safety Cabinets and Clean Benches




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# North America

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Model	1300 Series A2	Herasafe 2030i	1500 B2	Maxisafe 2030i	Heraguard ECO
Type	Class II, Type A2 biological safety cabinet (BSC)	Class II, Type B2 BSC	DIN 12980 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	316L 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	SmartFlow Plus	Downflow only	SmartFlow Plus	Supply only
Independent airflow monitoring	DAVe	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		•		•	
Cloud connectivity		•		•	

\*Two duplex outlets on 5 and 6 ft sizes.

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

# Latin America

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Model	1300 Series A2	Herasafe 2030i	1500 B2	Maxisafe 2030i	Heraguard ECO
Type	Class II, Type A2 biological safety cabinet (BSC)		Class II, Type B2 BSC	DIN 12980 cytotoxic cabinet	Clean bench
Direct Current (DC) motors	Dual	Dual		Dual	Single (supply)
Night setback mode	•	•		•	•
Customizable worktops	Select flat or indented	•		•	
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, 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	SmartFlow Plus	Downflow only	SmartFlow Plus	Supply only
Independent airflow monitoring	DAVe	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		•		•	
Cloud connectivity		•**		•**	

\* 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)

\*\* Availability of cloud connectivity depends on country.

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

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Model	1300 Series A2	MSC-Advantage	1500 Series A2	Herasafe 2025	Herasafe 2030i	1500 Series B2	Maxisafe 2030i	Heraguard ECO
Type	Class II biological safety cabinet (BSC)					Class II, Type B2 BSC	DIN 12980 cytotoxic cabinet	Clean bench
Country/ subregion availability	China, Hong Kong, India, Japan, Taiwan, South Korea, South-East Asia, Taiwan	Australia & New Zealand, China, Hong Kong, India, South Korea, South-East Asia	China, Hong Kong, India, South Korea, South-East Asia	Australia & New Zealand, Hong Kong	Australia & New Zealand, China, Hong Kong, India, Japan, South Korea, South-East Asia, Taiwan	China, Hong Kong, India, South Korea, South-East Asia, Taiwan	Australia & New Zealand, China, 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	Single (supply)
Night setback mode	•	•	•	•	•		•	•
Customizable worktops	•	•	•	•	•		•	
Standard armrests	•	•	•	•	•	Optional	•	
SmartPort convenience	•	•	• (except: cat. no. 1574 and 1579)		•	Optional	•	Optional
Receptacles	120V: 2 duplex 230V: 2 single	2, 4*	2 single	2 single	1 duplex, 2 duplex*	2 duplex	1 duplex, 2 duplex*	1 duplex on front panel
Service valves on each side wall	3	2	3	3 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	Motorized	Motorized	Manual	Motorized	
Glass side walls				•	•		•	•
Available interior surfaces	304 stainless steel, SmartCoat	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	316L stainless steel	316L stainless steel	304 stainless steel	316L stainless steel	316L stainless steel, melamine
Window cleaning feature	SmartClean	SmartClean	SmartClean	SmartClean Plus	SmartClean Plus		SmartClean Plus	
UV light (option)	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	Downflow only	SmartFlow Plus	Supply only
Independent airflow monitoring	DAVe	DAVe	DAVe Plus	DAVe Plus	DAVe Plus	Exhaust only	DAVe Plus	DAVe
LED lighting			•	•	•	•	•	•
Sash height options	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.)	
Data logging via USB					•		•	

\* Four receptacles on 1.5m and 1.8m sizes.

\*\* Standard for models with pre-installed UV light.

**Note: Availability may depend on country. 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			DIN 12980 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	3 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 interior surfaces	SmartCoat	304 stainless steel	316L stainless steel	316L stainless steel	Painted metal diffuser
Available work surface	304 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	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	
Data logging via USB			Embedded	Embedded	
<b>AS certified by NATA accredited facility</b>	<b>AS 2252.2</b>	<b>AS 2252.2</b>	<b>AS 2252.2</b>		<b>AS 2252.6</b>

\* Four receptacles on 1.5m and 1.8m sizes.

\*\*Standard for models with pre-installed UV light.

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Model	MSC-Advantage	Herasafe 2025	Herasafe 2030i	Maxisafe 2030i	Heraguard ECO
Type	Class II biological safety cabinet			DIN 12980 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 on front panel
Optional service valves	•	•	•	•	•
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 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	
Data logging via USB			Embedded	Embedded	
Cloud connectivity			•**	•**	
EN 12469 standard certified by TÜV†	•	•	•	•	
EN 12469 standard certified by LNE‡	0.9 and 1.2 m models	1.2 m model	1.2 m model		

\* Four receptacles on 1.5m and 1.8m sizes.


\*\* Availability of cloud connectivity depends on country.

† Certified to EN 12469 standard for Class II BSC, and to EN12469 and DIN 12980 for cytotoxic cabinet by TÜV Nord.

‡ Certified to EN 12469 with the NF mark by LNE.

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

# Middle East and Africa

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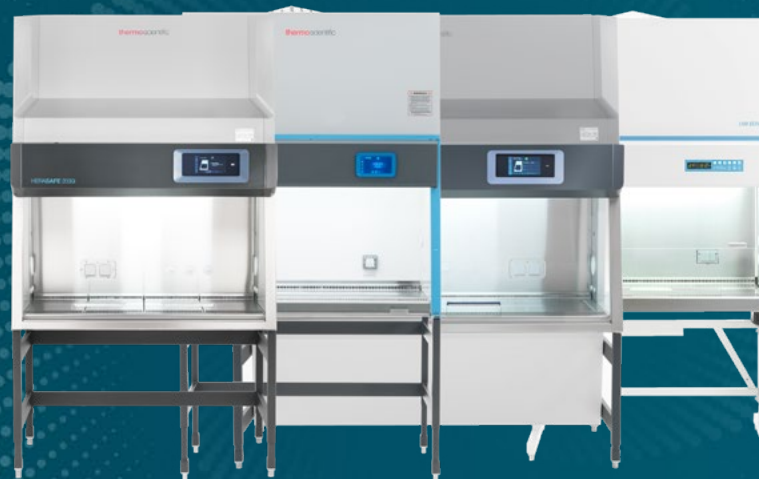


Model	1300 Series A2	MSC-Advantage	Herasafe 2025	Herasafe 2030i	1500 B2	Maxisafe 2030i	Heraguard ECO
Type	Class II biological safety cabinet (BSC)				Class II, Type B2 BSC	DIN 12980 Cytotoxic cabinet	Clean bench
Direct current (DC) motors	Dual	Dual	Dual	Dual		Dual	Single (supply)
Night setback mode	•	•	•	•		•	•
Customizable worktops	•	•	•	•		•	
Standard armrests	•	•	•	•		•	
SmartPort convenience	•	•		•	Optional	•	Optional
Receptacles	120V: 2 duplex 230V: 2 single	2, 4*	2 single	1 duplex, 2 duplex*	2 duplex	1 duplex, 2 duplex*	1 duplex on front panel
Optional service valves	•	•	•	•	•	•	•
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	SmartFlow	SmartFlow Plus	SmartFlow Plus	Downflow only	SmartFlow Plus	Supply only
Independent airflow monitoring	DAVe	DAVe	DAVe Plus	DAVe Plus	Exhaust only	DAVe Plus	DAVe
LED lighting			•	•	•	•	•
Sash height options	200 mm/ 250 mm	200 mm	200 mm	200 mm/250 mm	200 mm	200 mm	
Data logging via USB				•		•	
Cloud connectivity				•**		•**	

\* Four receptacles on 1.5m and 1.8m sizes.

\*\*Availability of cloud connectivity depends on country.

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



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