GPE
SCIENTIFIC LIMITED

MARS 1500
TECHNICAL DATA

Details

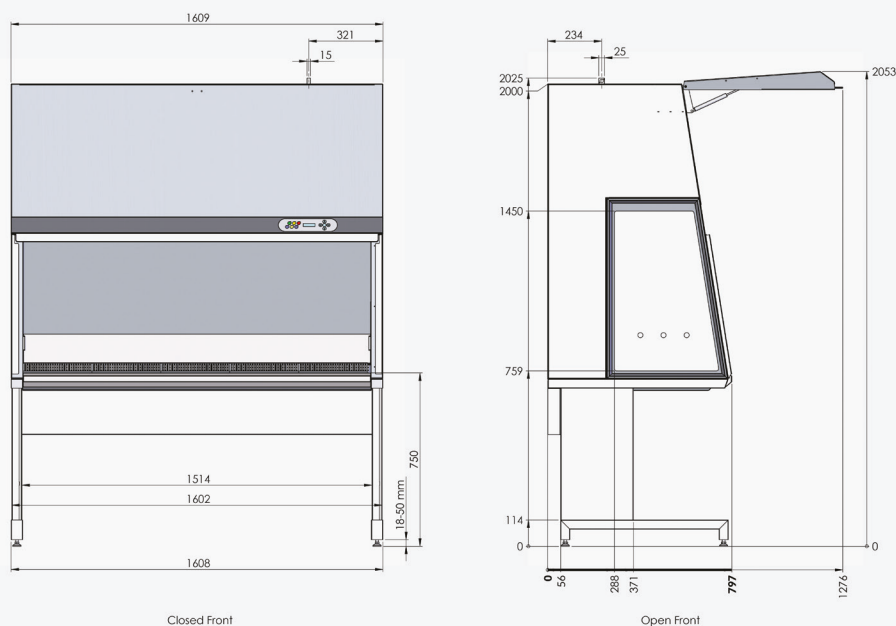|	
Product family	MARS
Model:	1500
Product type	Class II Biological Safety Cabinet according to EN 12469
Certificates	None
Compliance with	EN 12469, EN 61010-1, EN 61000-6, EN 11201
e-catalogue classification (UNSPSC code)	411035 Laminar flow cabinets or stations

General specifications

General specifications	Unit		Note
Sound pressure level at factory settings	dB(A)	≤49	According to EN 11201.
Sound pressure level in Eco-Save mode	dB(A)	≤37	Optional automatic mode shift available
Down flow, air velocity	m/s	0,28 0,01	Factory setting according to EN 12469
Inflow, air velocity	m/s	0,45	Factory setting according to EN 12469
Exhaust, air flow rate	m³/h	486	Factory setting according to EN 12469
Light illuminance (flourescent tube)	Lux	> 2000	Optionale dimmable version available
Front opening (height)	mm	200	Factory setting (adjustable between 0-300mm)
Number of table top segments		5	Customized layout and accessories upon request
Filter construction in accordance with EN 1822-1		2-filter system, HEPA, at least Class H14	Class U17 available with MARS PRO 3-filter version
Table top and trough material		AISI 304 stainless steel	Optional AISI 316 stainless steel available
Table top max. total load	kg	100	
Side glass material		5 mm hardened glass w. 3 x ø22mm holes	Other hole options available
Front glass material		6 mm laminated safety glass	Optional antireflex coating available
Cabinet and back wall material/colour		Polyester coated steel/RAL 9016	Other RAL colours available upon request

and backwall material/colour

Dimensions

Dimensions		Unit		Note
External dimensions with adjustable stand (DxWxH)	(Std. height)	mm	797 x 1609 x 2033	See drawing for details. Can pass through a standard door opening size 0,9x2,1M. Stand is available as an option
Table top height with adjustable stand	(Std. height)	mm	750 (Range 745-780)	2 additional stand heights available as options
External dimensions with elec. elevation stand (DxWxH)		mm	797 x 1609 X 2025-2325	Available as an option
Table top height with elec. elevation stand		mm	750-1050	
Work chamber dimensions (DxWxH)		mm	480x1500x700	
Net weight		kg	227	
Shipping volume		m³	Approx. 3,2	

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Closed Front

Open Front

Electrical data	Unit		Note
Rated AC voltage/frequency	V/Hz	220-240/50-60	Other voltages available
Rated max. current (fuse)	A	10	
Power outlet(s) max. total current (fuse)	A	6,3	The sum of all power outlets
Type of power outlet socket, pair, left & right side		DK - type K (IP44)	Other types available. Select between 9 different regional types
Typical power consumption excl. power outlets	VA/Watt	151/139	With fluorescent dimmable light. At factory setting and normal operation
Typical power consumption excl. power outlets	VA/Watt	123/113	With LED dimmable light. At factory setting and normal operation
Typical power consumption in Eco-Save mode	VA/Watt	49/40	
Type of mains connection		3pin male type IEC320 C14	Top mounted, left or right side

Additional available options	Unit		Note
Electrical elevation - Worktop height range	mm	745-1050	
UV-C sterilisation		Easy and fast decontamination	
Extra Power outlets, pair, left & right side		Select between 9 different regional types	
Antiblow back valve straight Ø 200 mm			
Antiblow back valve side Ø 200 mm			
Programmable output module for external control purposes		4 sets of potential free contacts	
Hydrogen Peroxide Vapour (VHP) decontamination valves			

Supplied by:

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