n-Safe

Microbiological **Safety Cabinets**
and **Laminar Air Flow Solutions**
engineered by **experience**.

n-Safe Product range

- n-Safe Premium
- n-Safe Pro
- n-Safe Premuim Cyto
- n-Safe Pro Cyto
- n-Safe XL
- n-Safe B2
- n-Safe Sterile
- n-Safe Horizontal
- n-Safe Class I
- n-Safe Class III
- n-Safe Isotope

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Special is our standard.

n-Safe

n-Safe XL

Extraordinary Inner Dimensions

n-Safe XL cabinets offer extraordinary inner dimensions, whenever the working space of a standard cabinet isn´t sufficient: XL cabinets come with an interior height of 1.000 mm and an interior depth of 900 mm. The complete front can be opened to easily fit in large devices, e.g. a pipetting robot.

n-Safe XL cabinets are manufactured according to EN 12469 and can also be delivered as a three-filter cabinet with H14 prefilters according to DIN12980, B2 cabinets with 100% exhaust air or as an Open Laminar Flow cabinet for product protection.

Upon request n-Safe XL cabinets would also be available with a width of up to 3.600 mm as a customized solution.

Due to outstanding inner dimensions the XL cabinets do also have large external dimensions. Therefore and due to the smart design of the n-Safe XL range, it is possible to finally assemble the devices on site in case of narrow doorways.

Optional H14 pre filters according to DIN12980

The front of the cabinets can be completely opened for an opening height of 1.000 mm

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Technical specifications

Size		1200	1500	1800
Dimensions				
External dimensions excl support, WxDxH	mm	1303x1176x1652	1603x1176x1652	1907x1176x1652
External dimensions incl support, table top at 800 mm, WxDxH	mm	1303x1176x2380	1603x1176x2380	1907x1176x2380
Internal dimensions, WxDxH	mm	1200x855(970)x1000	1500x855(970)x1000	1800x855(970)x1000
Front window opening	mm	200 (adjustable 160 - 330)		
Work height, adjustable support stand	mm	700-1050		
Work height, electrically elevated support stand	mm	750-1050		
Minimum door way	mm	1180, but can be finally assembled on site		

Weight		1200	1500	1800
Equipment	kg	310	350	390

Air Velocity		
Vertical flow	m/s	0,28 (adjustable 0,25 - 0,53)
Inflow	m/s	0.45 (adjustable 0.45 - 0.55)
Deviation	±%	< 8

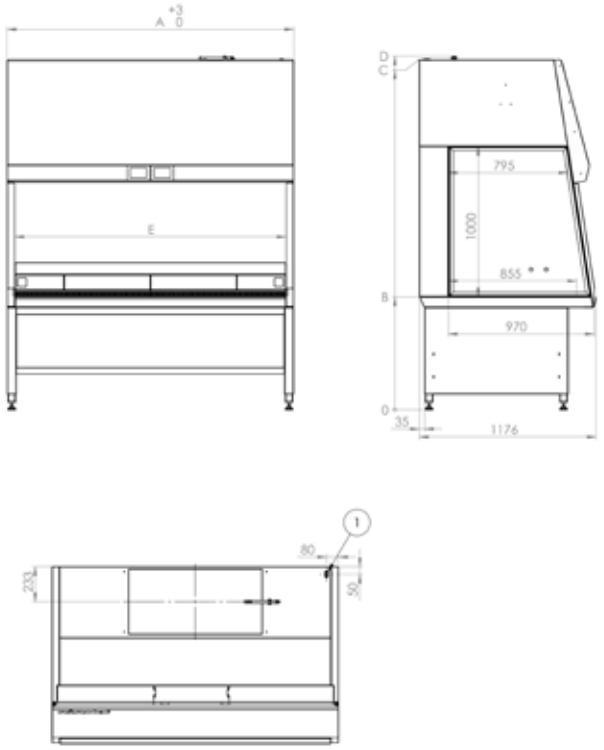
Noise				
Noise level, measured according to EN12469 measured under optimal conditions and settings	dB(A)	56	57	57

Ventilation				
Down flow rate	m3/h	960	1200	1440
Exhaust flow rate	m3/h	390	480	580

Filter Technology		
Main/Exhaust	type	HEPA H14 EN1822, 99,999% at 0,3 µm particle size

Light		
LED	lux	0-2000, dimmable

Electrical data		
Voltage frequency	V/Hz	220-240/50-60 or 110-120/50-60
Power consumption, from	W	140	180	190



Notes	
POS.	Description
1	Power Supply Unit

Dimensions

Cabinet	A - Length	B - Work height	C - Top cabinet	D - Highest point	E - Work opening	W -Weight
n-SAFE 1200 XL	1303 mm	700-1050 mm	2280-2630 mm	2300-2650 mm	1200 mm	310 kilo
n-SAFE 1500 XL	1603 mm	700-1050 mm	2280-2630 mm	2300-2650 mm	1500 mm	350 kilo
n-SAFE 1800 XL	1907 mm	700-1050 mm	2280-2630 mm	2300-2650 mm	1800 mm	390 kilo

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About Nordic Labtech.

Our business concept is to offer high-tech products and solutions within advanced protective ventilation, LAF equipment and incubators, heating and climate cabinets to customers in research, hospitals and pharmaceutical as well as other industries.

We provide technical and financial added value, that helps our customers to optimize processes and applications. Our products are sold by distributors in most European countries and the rest of the world.

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