Superior
Product
Protection

Horizontal Flow LAF Cabinets

Superior product protection

Nino Labinterior manufactures intelligent engineered Laminar Flow Cabinets as well as Microbiological Safety Cabinets that provide clean air solutions for a wide range of applications, ranging from routine work with harmless cells to potentially hazardous samples. ninoSAFE provides the level of operator, product and environmental protection you need and every cabinet is designed to make working safely as easy and as comfortable as possible. ninoSAFE Horizontal is an Open Laminar Flow cabinet providing an controlled environment inside the cabinet protecting the products that are handled from contamination. It has a generous work height of 995 mm and a stainless steel tabletop.

Engineered by Experience - Compact design but still best usable inner dimensions.

ninoSAFE open laminar flow cabinets have been tested and validated at customers since 2015 reassuring their performance, reliability, quality and ease of use. The latest technology in combination with State-of-the art technique ninoSAFE offers advanced products yet easy to clean and simple to maintain. Scandinavian design brings ergonomics to a higher level. Dimmable LED light comes as standard feature together with remarkably low noise levels. Support stands are available in either manually or electrically adjustable, all in clean room design. Nino Labinterior's motto is "Special is our standard" meaning that all our products can be custom made and configured to meet every specific requirement within reasonable time and budget.
We work closely with our customers to create and support LAF cabinets that offer unmatched quality, precision and reliability with highest level of cleanability.

Engineered by Experience

Worldwide remote support

ninoSAFE LAF cabinets can be order with a unique remote support offering unmatched user support, trouble shooting, adjustments and update service. Furthermore the system allows up to 12 months of continuous data backup.
With customer approval we access the cabinet remotely wherever it is installed, requiring only open internet access. High security and without managing firewalls.

Noise

Field case studies prove that ninoSAFE Open Laminar Flow cabinets measure <50 dB(A) when operating at 0,35 m/s laminar flow.
By applying the latest filter and fan technology into our products, we know what can be achieved.

Low energy consumption – good for you and good for the climate

As we use the latest technology within filters, fans, lighting and controller, the ninoSAFE cabinets has an exceptionally low energy consumption. This means a very low heat emission to the room as well as a minimized carbon footprint.

Weighing

A wide range of weighing accessories are available. Since ninoSAFE is close to vibration free it offers weighing inside at 4 decimals without additional support stand.

Standard Features

All ninoSAFE LAF cabinets come with dimmable LED lighting. Adjustable or electrical elevation support stands at your choice operated directly from the OP touch panel. UV-light is positioned with easy access and available in either fluorescent standard tube or LED offering incomparable long life. ninoSAFE comes with stainless steel table top as standard on a core of solid laminate to directly fit clean room environments.

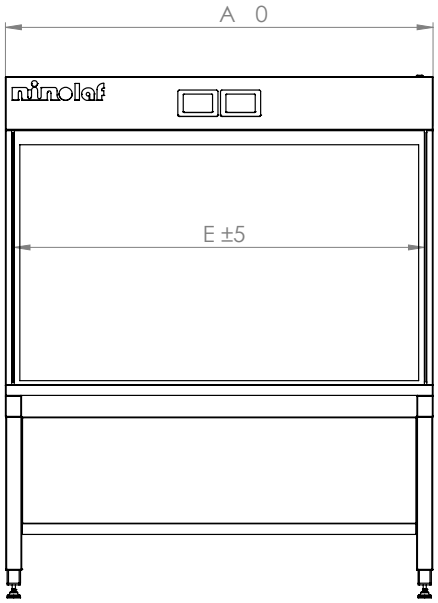
"Special is our Standard"

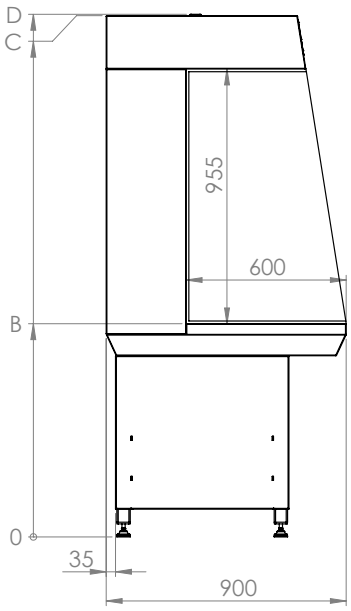
Superior Lab Solutions

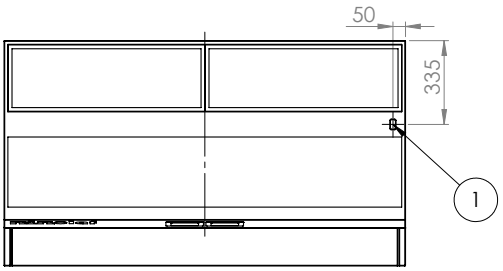
Technical specifications ninoSAFE Horizontal				
Type		nS Horizontal 1200	nS Horizontal 1500	nS Horizontal 1800
Dimensions				
External dimensions, WxDxH	mm	1303x900x1910	1603x900x1910	1907x900x1910
Internal dimensions, WxDxH	mm	1200x600x995	1500x600x995	1800x600x995
Front window opening	mm	995		
Work height, standard support stand	mm	750-1100		
Minimum door way	mm	910	910	910
Weight				
Equipment	kg	225	255	285
Air velocity				
Horizontal flow	m/s	0.35 (adjustable 0.25 - 0.53)		
Deviation	±%	<8	<8	<8
Noise				
Noise level ISO3744	dB(A)	50	51	51
Ventilation				
Down flow rate	m3/h	1500	1880	2260
Filter technology				
Main	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	110	140	150

Our models are built and tested according to national and international standards including:
EN 61010-1

Made in Scandinavia – ISO9001:2015 and ISO14001:2015





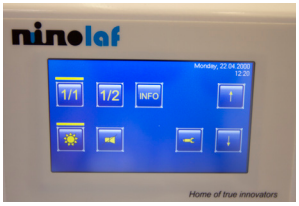


ninoSAFE Horizontal specifications

Cabinet	A - Lenght	B - Work height	C - Top Cabinet	D - Highest point	E - Work opening	W - Weight
NHS 1200	1303 mm	750-1100 mm	1905-2255 mm	1910-2260 mm	1238 mm	225 kilo
NHS 1500	1603 mm	750-1100 mm	1905-2255 mm	1910-2260 mm	1538 mm	225 kilo
NHS 1800	1907 mm	750-1100 mm	1905-2255 mm	1910-2260 mm	1842 mm	285 kilo

Notes	
POS.	Description
1	Power supply point

Separate control and status/alarm display for clear information



Easy-to-use intuitive user interface with touchscreen

Clean room design adjustable support stand

ninoSAFE - A complete range also available in following models:

ninoSAFE (EN12469)
ninoSAFE plus (EN12469, DIN12980)
ninoSAFE B2
ninoSAFE XL (EN12469)
ninoSAFE XL plus (EN12469, DIN12980)
ninoSAFE Class II (EN12469)
ninoSAFE Class I (EN12469)
ninoSAFE Sterile

Questions? For more information contact us at info@ninosafe.com

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