



ninoSAFE

*Superior
Product
Protection*

Open Laminar Flow 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 Sterile is an Open Laminar Flow cabinet providing an controlled environment inside the cabinet protecting the products that are handled from contamination.

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 <47 dB(A) when operating at 0,35 m/s down 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.

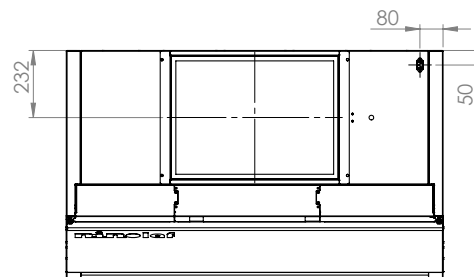
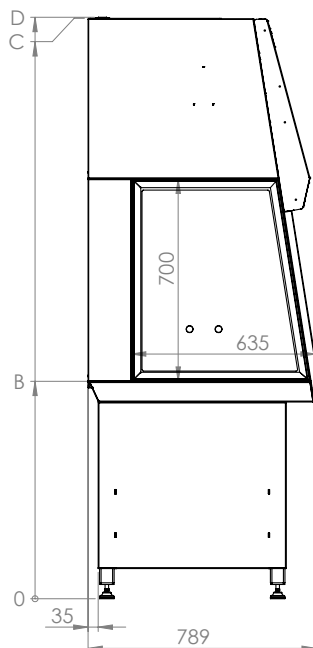
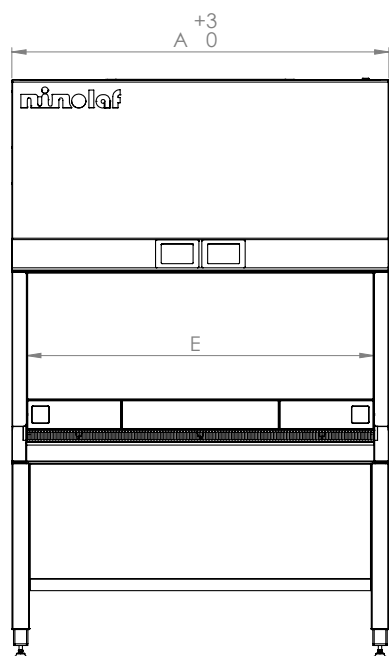
"Special is our Standard"

Technical specifications ninoSAFE Sterile					
Type		nS Sterile 900	nS Sterile1200	nS Sterile 1500	nS Sterile 1800
Dimensions					
External dimensions, WxDxH	mm	1003x799x1953(1978)	1303x799x1953(1978)	1603x799x1953(1978)	1907x799x1953(1978)
Internal dimensions, WxDxH	mm	900x635x700	1200x635x700	1500x635x700	1800x635x700
Front window opening	mm	300 (adjustable 200-500)			
Work height, standard support stand	mm	700 - 950			
Minimum door way	mm	800	800	800	800
Weight					
Equipment	kg	180	220	240	270
Air velocity					
Vertical flow	m/s	0.28 (adjustable 0.25 - 0.53)			
Deviation	±%	<8	<8	<8	<8
Noise					
Noise level ISO3744	dB(A)	46	46	47	47
Ventilation					
Down flow rate	m3/h	510	680	840	1010
Filter technology					
Main	Type	HEPA H14 EN1822, 99,999% at 0,3 µm particle size			
Light					
LED	Lux	0-2000, dimmable size			
Electrical data					
Voltage frequency	V/Hz	220-240/50-60 or 110-120/50-60			
Power consumption, from	W	90	100	130	140

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

Made in Scandinavia – ISO9001:2015 and ISO14001:2015

*Superior
Lab
Solutions*



nino SAFE Sterile specifications

Cabinet	A - Length	B - Work height	C - Top Cabinet	D - Highest point	E - Work opening	W - Weight
nino SAFE 900 Sterile	1003 mm	700-950 mm	1953-2203 mm	1958-2208 mm	900 mm	180 kilo
nino SAFE 1200 Sterile	1303 mm	700-950 mm	1953-2203 mm	1958-2208 mm	1200 mm	220 kilo
nino SAFE 1500 Sterile	1603 mm	700-950 mm	1953-2203 mm	1958-2208 mm	1500 mm	240 kilo
nino SAFE 1800 Sterile	1907 mm	700-950 mm	1953-2203 mm	1958-2208 mm	1804 mm	270 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



Easy-to-clean electrical outlets and optional USB- and RJ45 outlets



Clean room design adjustable support stand

ninoSAFE - A complete range also available in following models:

ninoSAFE plus (EN12469, DIN12980)
 ninoSAFE B2
 ninoSAFE XL (EN12469)
 ninoSAFE XL plus (EN12469, DIN12980)

ninoSAFE Class II (EN12469)
 ninoSAFE Class I (EN12469)
 ninoSAFE horizontal