



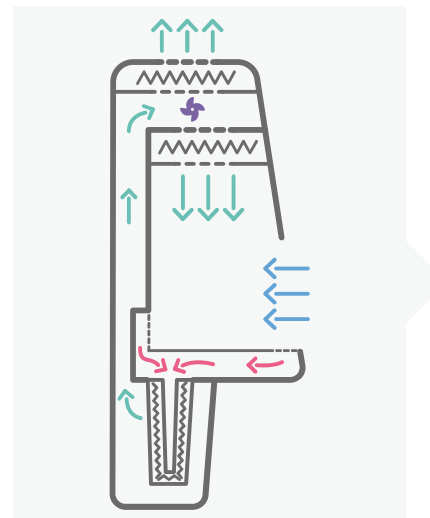
## n-Safe Cyto

### No Limit - Outstanding Low Noise

The n-Safe Cyto is a very sophisticated 3-filter cabinet, which is equipped with easy-to-change H14-cartridge-prefilters, which feature an exceptionally low pressure drop. This means low service costs and very low noise levels. The extremely low energy consumption of n-Safe Cyto cabinets leads to a very low CO2 footprint.

The cartridge design of the H14-prefilters is very compact and therefore the n-Safe Cyto cabinets allow a comfortable sitting position with excellent leg space. n-Safe Cyto cabinets are manufactured and tested according to EN12469 as well as DIN12980 and offer the same standard features and customization opportunities as n-Safe Pro cabinets.

### Airflow schematics



 Contaminated air

 Filtered air

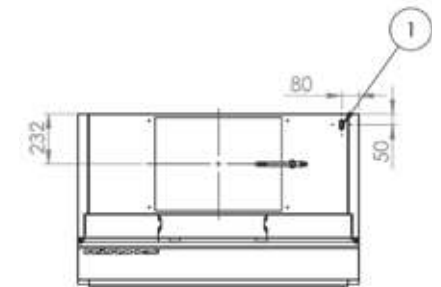
 Ambient air

**n-Safe Cyto - Class II Cabinets according to EN 12469 and DIN 12980 - provide:**

- Product protection
- Operator protection
- Environmental protection
- All air double HEPA-filtered

## Technical specifications

Size		600	900	1200	1500	1800
<b>Dimensions</b>						
External dimensions excl support, WxDxH	mm	600x778x1843	1003x799x1843	1303x799x1843	1603x799x1843	1907x799x1329
External dimensions incl support, table top at 800 mm, WxDxH	mm	600x778x2053	1003x799x2053	1303x799x2053	1603x799x2053	1907x799x2053
Internal dimensions, WxDxH	mm	540x530(625)x700	900x520(625)x700	1200x520(625)x700	1500x520(625)x700	1800x520(625)x700
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	800				
<b>Weight</b>						
Equipment	kg	145	210	240	270	300
<b>Air Velocity</b>						
Vertical Flow	m/s	0,28 (adjustable 0,25 - 0,53)				
Inflow	m/s	0.45 (adjustable 0.45 - 0.55)				
Deviation	+-%	<8				
<b>Noise</b>						
Noise level, measured according to EN12469 measured under optimal conditions and settings	db(A)	53	54	55	56	57
<b>Ventilation</b>						
Down flow rate	m <sup>3</sup> /h	510	510	680	840	1010
Exhaust flow rate	m <sup>3</sup> /h	180	290	390	480	580
<b>Filter Technology</b>						
Main/Exhaust/Prefilter	type	HEPA H14 EN1822, 99,999% at 0,3 µm particle size				
<b>Light</b>						
LED	lux	0-2000, dimmable				
<b>Electrical data</b>						
Voltage frequency	V/Hz	220-240/50-60 or 110-120/50-60				
Power consumption, from	W	60	90	100	130	140



### 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 Cyto 600	600 mm	700-1050 mm	1953-2303 mm	1878-2328 mm	540 (597) mm	180 kilo
n-Safe Cyto 900	1003 mm	700-1050 mm	1953-2303 mm	1978-2328 mm	900 mm	210 kilo
n-Safe Cyto 1200	1303 mm	700-1050 mm	1953-2303 mm	1978-2328 mm	1200 mm	240 kilo
n-Safe Cyto 1500	1603 mm	700-1050 mm	1953-2303 mm	1978-2328 mm	1500 mm	270 kilo
n-Safe Cyto 1800	1907 mm	700-1050 mm	1953-2303 mm	1978-2328 mm	1800 mm	300 kilo



Circular H14 prefilters