

**LAMINO - Perfection in Air Cleaning**

Flexible cleanroom cabins

## LAMINO Cabin


**Description**

Cleanroom cabins are necessary if fine particulate ambient air negatively affects and impairs the production. They effectively remove dust particles and allow for work under constantly clean conditions. For this purpose, the air is purified by two filter stages and is guided into a precisely limited work area.

**Innovative solutions for complex requirements**

Free-standing units or suspended units, possible doors or sliding slats – your individual needs are matched with the technical possibilities already during the design phase.

From a pure design contract to a complex system adaptation, from computer-assisted presentation with 3D models to timely commissioning of customised equipment – our specialists are available to you with expert advice.

**LAMINO Cabin** can be used for numerous applications in various industries, such as in microelectronics, semiconductor, automotive, optics, pharmaceuticals/medicine, food, aerospace, and research.

**Customised solutions**

In addition to proven standard products, ASYS Cleanroom Technology supplies individual customer-specific solutions customised to meet any requirement.

**The air quality meets**

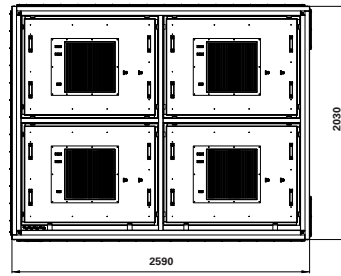
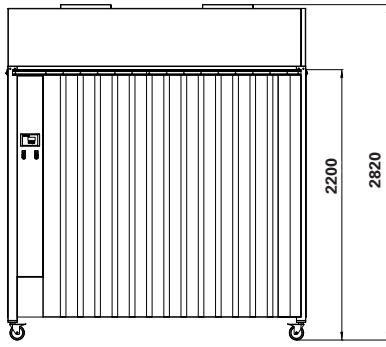
– ISO 5 / ISO 6 / ISO 7 acc. to DIN ISO 14644-1

**Equipment**

- ESD version
- Individual control of air velocity
- Continuous filter monitoring
- Energy-saving night setback

**Options**

- Illumination in different versions
- Several media connectors in the control column (f.e. electrical, nitrogen, compressed air, LAN)
- Ionisation units
- Mobile version
- GMP version
- Individual entry options
- Future extensions of cleanroom space possible at any time



## LAMINO Cabin

Type label	Typ 26-14-V	Typ 26-26-V	Typ 38-26-V
<b>External dimensions</b> in mm (WxHxD) <sup>a)</sup>	2590 x 2820 <sup>c)</sup> x 1355	2590 x 2820 <sup>c)</sup> x 2590	2590 x 2820 <sup>c)</sup> x 3785
<b>Air flow at 0.45 m/s</b>	4660 m <sup>3</sup> /h (1160 m <sup>3</sup> /h) <sup>b)</sup>	9320 m <sup>3</sup> /h (2330 m <sup>3</sup> /h) <sup>b)</sup>	13980 m <sup>3</sup> /h (4660 m <sup>3</sup> /h) <sup>b)</sup>
<b>Power consumption (max.)</b>	1400 W (700 W) <sup>b)</sup>	2800 W (700 W) <sup>b)</sup>	4200 W (1400 W) <sup>b)</sup>
<b>Current consumption (max.)</b>	6,1 A (3,1 A) <sup>b)</sup>	12,2 A (3,1 A) <sup>b)</sup>	20 A (3,6 A) <sup>b)</sup>
<b>Electrical connection</b>	230 V, 50 Hz, 1-phase	230 V, 50 Hz, 1-phase	(400 V, 50 Hz, 3-phase) 230 V, 50 Hz, 1-phase <sup>b)</sup>
<b>Weight (approx.)</b>	280 kg (210 kg) <sup>b)</sup>	450 kg (260 kg) <sup>b)</sup>	600 kg (350 kg) <sup>b)</sup>
<b>Cleanliness classes</b>	ISO 5 / ISO 6 / ISO 7 in accordance with DIN ISO 14644-1		
<b>Flow type</b>	Laminar flow / turbulent mixed flow		
<b>Pre-filter</b>	Filter class G4		
<b>Fine filter</b>	HEPA class H14		
<b>Fan</b>	High-performance EC centrifugal fan		
<b>Noise</b>	52 dB(A)		
<b>Control</b>	Multi-function display		
<b>Base</b>	Aluminium system profiles		
<b>Work area delineation</b>	Transparent PVC slat blinds		

a) Individual dimensions on request

b) With cleanroom class ISO 6

c) Depending on the interior height

[www.asys-reinraum.de](http://www.asys-reinraum.de)

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GROUP**

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Subject to change.

All information listed is general descriptions and performance features which in actual case of use do not always apply in the form shown or which may change due to ongoing product development. Only the contractually agreed performance descriptions are considered binding.

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