

HAGMANN

precise - flexible - reliable

Laminar flow boxes

FFU system solution: low-particle cleanroom zone



Product protection with laminar flow

#More than 15 years of experience in the development and construction of our laminar flow boxes.

Thanks to the modular concept of Hagmann Tec AG individual solutions made to measure and according to customer requirements are possible.

Our 3 product lines:

- HAG-TTLF: Table Top Laminar Flow**
The classic version as a table model
- HAG-SSLF: Self Supporting Laminar Flow**
Free-standing laminar flow boxes
- HAG-ECLF: Easy Cell Laminar Flow**
Laminar flow cell as a simple complete solution



HAG-TTLF: Table Top Laminar Flow with integrated sealing machine as a compact cleanroom packaging system



HAG-ECLF: Easy Cell Laminar Flow



Laminar Flow storage cabinet offers permanent protection against dust and particles

Technical details of the HAG-FFU system

#Cleanroom class 5 according to ISO 14644-1

ISO class	Maximum particles per m ³					
	0.1 µm	0.2 µm	0.3 µm	0.5 µm	1.0 µm	5.0 µm
1	10	2				
2	100	24	10	4		
3	1'000	237	102	35	8	
4	10'000	2'370	1'020	352	83	
5	100'000	23'700	10'200	3'520	832	29
6	1'000'000	237'000	102'000	35'200	8'320	293
7				352'000	83'200	2'930
8				3'520'000	832'000	29'300
9				35'200'000	8'320'000	293'000

➤ Highest quality in the work zone by achieving **ISO 5** (at rest)

➤ Noise level at 0.20 m/s: <45 db



HAG-SSLF: Self Supporting Laminar Flow with integrated work table

Our standard dimensions

Standard models HAG-TTLF

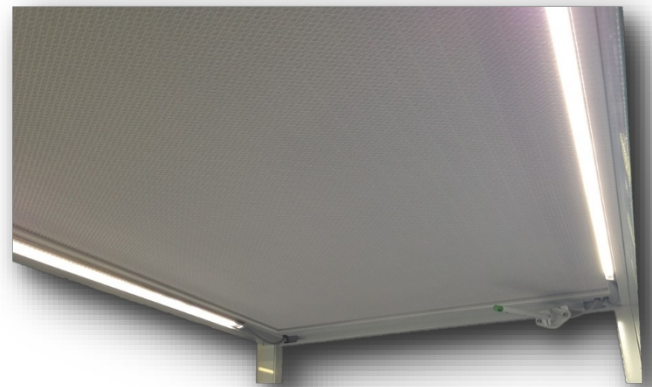
Item number	Dimensions	Item number	Dimensions
SL 7131.00.00	1160 x 575 x 1240	SL 7120.00.01	1400 x 800 x 1240
SL 7117.00.01	1300 x 700 x 1240	SL 7121.00.01	1290 x 640 x 1240
SL 7134.00.01	1400 x 850 x 1240	SL 7123.00.01	1240 x 730 x 1240
SL 7106.00.00	1740 x 680 x 1240	SL 7142.00.01	1385 x 630 x 1240
SL 7116.00.01	1000 x 700 x 1270	SL 7149.00.01	1500 x 700 x 1240
SL 7118.00.01	1680 x 880 x 1240	SL 7141.00.01	1395 x 680 x 1240
SL 7119.00.01	1395 x 640 x 1240	SL 7136.00.01	1500 x 850 x 1240

Standard models HAG-SSLF

Item number	Table top/work tables	Dimensions (LxWxH in mm)	Internal height in mm
SL 7205.00.00	Optionally with table top	2320 x 1600 x 2274	1700
SL 7207.00.00	over 2 work tables	1930 x 1880 x 2473	1906
SL 7209.00.00	over 1 work table	1930 x 998 x 2473	1906
SL 7213.00.00	over 2 work tables	2200 x 1600 x 2372	1800
SL 7214.00.00	over 1 work table	2200 x 858 x 2372	1800
SL 7215.00.00	Optionally with table top	2250 x 1500 x 2300	1734
SL 7218.00.00	over 2 work tables	1300 x 1600 x 2350	1800



- We also offer custom-made worktables in the desired material
- Each laminar flow box can be equipped with integrated LED lighting
- Optionally with touchscreen control panel with programmable day/night mode
- Flow probe for monitoring the effective air flow
- Filter status display
- Annual calibration by our service technicians



Integrated LED lighting and flow probe

Our location:



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