



Classic2

Horizontal flow cabinet



commerce ⇔ construction ⇔ fabrication ⇔ installing ⇔ service

Magnum Vibrations-free-tables, ICSI guard2 horizontal flow, ICSI guard4 vertical flow, Easy & Basic2 heated Lab tables, Classic2 horizontal flow Cabinet, Avantgarde4 vertical flow Cabinet, IVF guard Class II Cabinet, Flow H Cabinet, Flow V Cabinet, SafeFAST Class II Cabinet, Varocell CO2 Incubators, Laboratory accessories, IVF accessories

Cabinet

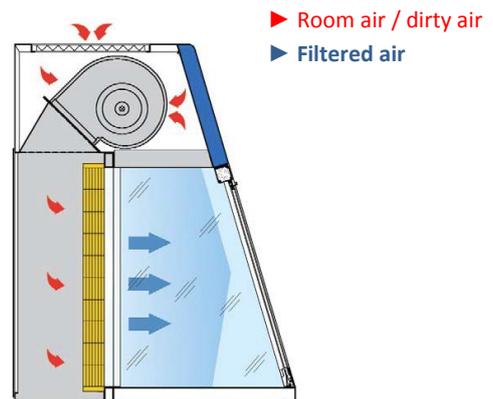
Classic2 is a ISO 3 Class 100 sterile work bench with **horizontal** laminar air flow. These devices are characterized by a long and wide working space and do not require windshield. Our newly developed work surface has a special curved front so that is for relax long time work.

- two stage ventilation-system with 0,32 and 0,38 m/s
- auto start function
- safety glass side wall windows (ESG)
- without front-windshield
- services from the front side, Main filter changing from the back side
- warming area 680 x 380 mm
- we installing Stereo microscopes from all manufactories
- leveling base stand powder painted , work surface high 835 mm
- available in four sizes



Operating principles

The ambient air is drawn in from the Top through the upper part of the cabinet via a pre-filter and it then passes after filtration through a H14 HEPA/ULPA filter into the working area in an horizontal laminar air flow pattern and exhausted outside



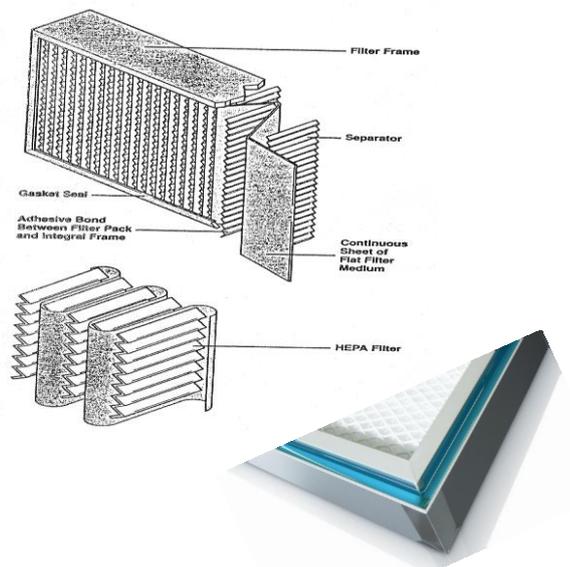
Main filter

The H14 HEPA-filter (high efficiency-particular air-filter) are efficiency for the highest and provide the required particle-separation. The filter separation is 99,995 % and absorbed particles > 0,3 µm.

The aluminum frame has special seals on both sides.

Remarks:

The durability of the filter-elements is in dependence of the air quality in the Laboratory.



Pre filter

The G3 filter is a coarse-dust-filter and has a separation efficiency of 82%. Self cleaning is possible by blowing.



Work surface

The polish stainless steel work surface is designed and tested, for standard works on the current international IVF laboratories. The newly developed countertop has a specially curved front edge, for relaxing work. All parts from the work surface is easy to clean.



Warming plates

The heating area is highlighted with a Laser characteristic visible. The basic construction of the heat surface consists of a glued-on aluminum plate. Inside the milled grooves, is heating conductors placed with highest safety. The heating plate is from the bottom insulated and protected with a cover. The Working temperature $RT+5^{\circ}C \sim 50^{\circ}C \pm 0,2^{\circ}C$ without use air-flow. Temperature sensor is Pt100. The electric heating is switching OFF with $60^{\circ}C$ safety-switch. The microscope light bases are mounted under the warming plates.



Microscope glass

The adjustable Standard-glass is $\varnothing 60$ mm light through glass is flush with the work surface.

In option heated warming glasses $\varnothing 90$ mm, from OKO etc.

In option $\varnothing 84$ mm glasses with the modern VisILED light system



Temperature controlling

(WARMING PLATE ONLY)

The standard temperature control is via a double-display-controller with a restive display of target SET and ACTUAL value. The controller are self-calibrating and therefore do not require any maintenance. The electronics components we assemble at or below the work surface, to the best operability of the user work process. This controller is easy to operate and visibly mounted in the front edge of the worktop.

In option we offer a two-channel 3,5" touch-screen-monitor.



Double Temperature controlling

(WARMING PLATE & TOKAI-HIT-HEATING GLASS)

The standard temperature control is via a double-display-controller with a restive display of target SET and ACTUAL value.

The second temperature control is via double-display-controller for Tokai-Hit heating glass. The electronics components we assemble at or below the work surface, to the best operability of the user work process. The heating glass is Ø90 mm for the Stereo microscope.



Touch-screen Monitor Temperature controlling

(WARMING PLATE & OKO-HEATING GLASS)

DICON touch screen Temperature Program Controller 3,5" TFT color display (320 x 420 Pixel, 256 colors) double Channel controlling included weekly-timer. The monitor has integrated two separate weekly timer-functions. For update etc. is installing a USB-port.

This two channel touch-screen-monitor we installing together with OKO warming glass. The heating glass is Ø 90 mm for the Stereo microscope.

1st Line: warming plate controlling / with timer function

2nd Line: OKO warming glass controlling / with timer function



Light systems

We install original stereo-microscope systems from Leica, Olympus, Nikon, Zeiss etc. Here it should be noted that the light remains easy to use only original in microscope.

We offer a Halogen-light-version of, in which the brightness of light, takes place from the front of the work surface.



Detail Specifications

Order No.:	C 06 - 090	C 06 - 091	C 06 - 120	C 06 - 121	C 06 -150
Model	single	solo	single	solo	single
Exterior dimension	945 x 925 x 1195		1250 x 925 x 1195		1554 x 925 x 1195
Interior dimension	884 x 630 x 735		1190 x 630 x 735		1494 x 630 x 735
Control display	2-lines LCD double display				
Net Weight kg	143	143	167	167	215
Rated power KW	1,0	1,0	1,2	1,2	1,7
Power	1/PE AC, 230V 50 Hz				
Noise dB(A)	<52		<52		<54
D.O.P. inlet	standard				
Power socket	optional				
Microscope	0	1	0	1	0
Warming plate	1		1		1
Temp.-Range	+ 5°C above ambient temperature to + 40°C				
Temp. Uniformity	+/- 0,2 °C				
Temp. stability	+/- 0,1 °C				
Control display	2-lines digital double digital				
UV-Light 254 nm	optional				
Electric base frame	optional				
Advanced Light source	optional				
OKO heating glass	optional				
Castors	optional				

[sizes W / D / H in mm]

Detail Specifications

Order No.:	C 06 - 151	C 06 - 180	C 06 - 181	C 06 - 182	C 06 -183
Model	solo	single	solo	twin	dual
Exterior dimension	1554 x 925 x 1195		1860 x 925 x 1195		
Interior dimension	1494 x 630 x 735		1800 x 630 x 735		
Control display	2-lines LCD double display				
Net Weight kg	215	250		270	
Rated power KW	1,7	1,7		2,0	
Power	1/PE AC, 230V 50 Hz				
Noise dB(A)	<52		<54		
D.O.P. inlet	standard				
Power socket	optional				
Microscope	1	0	1	1	2
Warming plate	1	1	1		2
Temp.-Range	+ 5°C above ambient temperature to + 40°C				
Temp. Uniformity	+/- 0,2 °C				
Temp. stability	+/- 0,1 °C				
Control display	2-lines digital double digital				
UV-Light 254 nm	optional				
Electric base frame	optional				
Advanced Light source	optional				
OKO heating glass	optional				
Castors	optional				

[sizes W / D / H in mm]