

# 4 more Labor<sup>®</sup>



[WWW.4MORELABOR.COM](http://WWW.4MORELABOR.COM)

- **EVERYTHING BEGINS IN THE STELLAAIR<sup>®</sup> UNIVERSE,  
THE NEW GENERATION OF SAFETY CABINETS**

---

# WE BUILD YOUR SAFETY CABINET ACCORDING TO ERGONOMIC ASPECTS AND HIGHEST STANDARDS FOR YOUR SAFETY



- Class II safety cabinet, certified according to DIN EN 12469
- ergonomic design
- foldable front screen for easy cleaning of the inside
- Highest protection for you and your product
- Latest technology with optimal operation up to remote maintenance
- Easy operation with digital display and jogswitch
- LED Light 1680lux (depending on size)
- Very quiet (48dB)
- Very low vibration due to digital DC fans, PN-EN ISO 5349 <0.005mm
- power consumption A++
- underframe with wheels, lockable via base feet (new calibration required when moving)
- Many equipment options available
- simple and cost-saving filter change
- Maintenance and service via our own network of technicians

## OPTIONS:

- electrically height-adjustable base frame
- screen in the safety cabinet, for direct processing of ready-made recipes and instructions
- Weighing platform for working with scales up to 0.1mg
- sliding platform for pulling heavy instruments forward (e.g.: microscope)
- arm rests (option)
- temperature sensor in the working chamber with alarm transmitter (depending on equipment)
- eye openings for microscopes in the front panel
- connection to the in-house exhaust air

---

# WE OFFER YOU OUR SAFETY CABINET STELLAAIR® IN 3 EQUIPMENT VARIANTS AT AN ATTRACTIVE VALUE FOR MONEY

## STELLAAIR® SIRIUS

The interior is completely made of polished stainless steel - mirror effect, type 1.4031, AISI/ASTM 304 in smooth construction with rounded sides, which minimizes the risk of contamination. The worktop is made of stainless steel type 1.4404, AISI/ASTM 316L, the front area is pressed down in a V-shape to guarantee an optimal flow while working. Base frame included.

- working surface in one piece, removable (from width of 1800mm only segmented, optional segmented working surface for smaller widths)
- fixed UV lamp, placed in the upper part of the working surface for decontamination
- Unit control programmable with LCD display, as well as with a program that allows the decontamination of the chamber
- Possibility to adjust the contrast on the display
- Real time clock and date
- connection port that allows the DOP test of HEPA filters
- MODBUS RTU communication protocol enables networking with BMS (building management system)

## STELLAAIR® EPSILON

Equipment like the Sirius version, but additionally with:

- base frame for assembly made of closed profile, height 800mm, working height 835mm
- valve for gas
- valve for vacuum
- temperature sensor in the working chamber with alarm signal when exceeded
- regulation of the light intensity from 800-1600Lux possible

## STELLAAIR® GALAXY

Equipment like the Epsilon version, but additionally with:

The equipment includes an emergency power supply „Autoprotect“. This allows further work and gives the necessary time for proper protection of personnel and test material. In a fraction of a second the power supply to the socket and solenoid valve is cut off, maintaining the correct safety conditions during the operating time, which has major priority.

The program works in two variants:

### 1. semi-automatic mode

it warns the operator of the power failure (default setting) and allows a decision to be made on what to do next with the safety cabinet, including closing the front panel and locking the unit down.

### 2. automatic mode

- working according to predefined settings (programmable)
- USP operating time
- error messages are visually indicated by an alarm message on the left front housing area via a light bar, which changes from white to flashing red in case of malfunctions. The alarm can be acknowledged
- The „Autoprotect“ program is powered by the USP SMT1000I APC Smart 1000VA LCD 230V, which allows the safety cabinet to continue running after a power failure. The USP protects the safety cabinet against electrical overloads. It is not only useful in case of voltage peaks, but also during a temporary power failure. It is characterized by an output power of 1000 VA, in addition the device is equipped with 8 output sockets

# FEATURES

Version	Sirius	Epsilon	Galaxy
Removable worktop	+	+	+
UV-Lamp	+	+	+
Controller with decontamination program	+	+	+
Sockets 3 x 230V (2 left and 1 right)	+	+	+
Additional sockets	Optional	Optional	Optional
Port for DOP Test Hepa Filter	+	+	+
RS-485 interface with MODBUS RTU	+	+	+
USB Port	+	+	+
Date and clock	+	+	+
Display Contrast adjustable	+	+	+
Base frame 800mm	+	+	+
Base frame electronically height adjustable	-	Optional	Optional
Wheels with lockable feet	-	Optional	Optional
Connection for gas	-	+	+
Connection for vacuum	-	+	+
Valve connection for liquids	Optional	Optional	Optional
Temperature sensor for working chamber	-	+	+
Adjustable LED lamp	-	+	+
Segmented worktop	Optional	Optional	Optional
Autoprotect Mode	-	+	+
Working area loadable up to 50kg	Optional	Optional	Optional
Computer screen 19".		Optional	Optional
Armrests	Optional	Optional	Optional
Openings in the front panel	Optional	Optional	Optional
Additional control display in the working area	-	Optional	Optional
Weighing platform		Optional	Optional
Sliding platform e.g.: for microscope		Optional	Optional

# TECHNICAL SPECIFICATIONS

Model	StellaAIR 1000	StellaAIR 1300	StellaAIR 1500	StellaAIR 1800
External dimensions, W x H x D		1286 x 2160 x 790mm	1630 x 2160 x 790mm	1930 x 2160 x 790mm
Working area, W x H x D		1200 x 710 x 600mm	1500 x 710 x 600mm	1800 x 710 x 600mm
Front panel opening		200mm (adjustable 180-330mm)		
Working height of base frame		835mm (other heights on request)		
Downflowfilter		HEPA H14 EN1822, 99.999% at 0.3µm particle size		
Number of DC fans		3	3	3
Weight		230kg	267kg	298kg
Noise level		48dB	48dB	52dB
Fuse protection for sockets		10A		
Power consumption		130Watt	130Watt	130Watt
Strom Standby Mode		68Watt		
Power Standby Mode		230V/50Hz (other voltage on request)		
Exterior paint		RAL 7035		





**4 more Labor<sup>®</sup>**

WWW.4MORELABOR.COM | INFO@4MORELABOR.COM | +49 0 81 00 737 90-0