



Class 2 Safety Cabinet

Designed for Class 2 work
and handling of medicine
and cytotoxics

SIRIUS

ALMOST Rocket Science

Sirius - The brightest star of the universe. Class 2 Safety Cabinet designed for Class2 work and handling of antibiotics and cytotoxics.

Sirius

Sirius is a true class 2 vertical laminar flow safety cabinet giving full operator protection and sterility to EN12469:2000. It is available with a full work opening of 20 cm giving easy access to the work area or alternatively with access port holes which enhances operator protection whilst conserving energy.

True laminar sterile air flow exceeding class 100 eliminates the risk of contamination of the samples and minimises any cross contamination possibilities.

The down flow and exhaust airflow speeds are indicated on the easy to read display which also includes visual and audible alarms to indicate high and low air flow situations. An optional 3rd sensor can be fitted to measure any insufficient pressure drop in the exhaust duct (if connected to an external ducting system), thus giving the operator maximum protection and safety at all times.

The negative pressure surrounding the HEPA avoids any possibilities of leaks, even from defective or old HEPA filter gaskets or seals.

The high work opening, low noise level, excellent light conditions and unique laminator make Sirius an ideal working environment for the operator. Additionally easy full opening of the front window gives complete access to the chamber for cleaning or positioning or removal of equipments.

Low energy consumption coupled with a digital control system combines energy savings with a long HEPA filter life.

The Sirius is an ideal unit for Cell Culture, Microbiology and Cytotoxic applications with full security, sterility and ease of cleaning, exemplified by the removability of the inner rear wall if required for cleaning or sterilisation.

Auto Start and Auto Stop facilities are included for operator convenience and safety. Optional PIR Sensor can be fitted allowing Sirius to operate on reduced speed when unattended, thus maintaining the integrity of the chamber, and be ready for full operation when the operator introduces his hands into the working aperture.

An electrically operated elevation support stand is available as an option, this gives a convenient and correct posture for the operator when either seated or standing at the Sirius for long periods.

Sirius

Airflow pattern

3rd sensor

Arm holes



Specifications

Sirius	Unit	
Material		Pressure chamber in polyester coated steel. Table top and backwall in stainless steel 304
External dimensions (DxWxH)	mm	336x626x975
Working chamber (DxWxH)	mm	313x574x530
Downflow, (0,40 m/s)	m ³ /h	200
Exhaust air with 20 cm. work opening		200
Exhaust air with arm holes		100
Energy consumption/Effect	W	120
Sound level	dB(A)	52
HEPA filter, EN 1822, H-14		99,995 % MPPS
Weight	kg	25
Included		Lightning. Digital display with Hour counter, digitally adjustable fan, alarm for power failure and air flow speed
Options		Communication with CTS, dampers and extract blowers. USB-port with software for documentation purposes

Accessories	
9.001.000.071	Fixed support stand 90 cm working height for Sirius
9.001.000.072	Antiblow back ducting kit for exhaust
9.001.000.081	Electrical support stand 750-1050 Sirius
9.001.000.080	UV light mounted on the backwall
Microprocessor	
9.001.020.127	USB port for communication and with computer inclusive software package in Excell
9.001.000.087	Pir-sensor - turns automatically to full speed and light upon any movement
9.001.020.201	Signals for external ventilation system including pot free contact
9.001.020.202	3-sensor option with pressure switch requires Signals for external ventilation
9.000.050.335	Pressostat for measuring pressure drop over HEPA-filter
Packing and handling	
9.100.022.201	Sirius packing

Spareparts	
9.000.010.010	Spare blower for Titan, Titan PCR, HV-mini, Atlas and Sirius
9.000.019.011	Spare Hepa filter for Titan, Titan PCR, Atlas, and Sirius and HV-mini models
9.000.019.012	Spare UV-light tube for Titan PCR, and Sirius
9.001.000.181	El out (please specify type)
9.000.020.950	Spare light tube for Titan PCR, Atlas, and Sirius

Microprocessor



Flow sensor



Removeable backwall



Electrical elevation stand

