



**Faster MINILAB and TWO 30**  
Vertical Laminar Airflow Cabinets



Protection, safety, reliability. And more.

## FASTER TWO 30 APPLICATIONS

**FASTER TWO 30 Cabinet** is "Class 100" (M3.5) or "ISO Class 5" vertical laminar flow cabinet which guarantees excellent decontaminated working area and particle-free conditions.

The compact 800 mm wide cabinet is suitable to handle nucleic acids used in thermocycling, DNA amplifications, PCR applications, non-pathogenic microbiological and cell cultures applications.

The TWO 30 cabinet is fitted with a HEPA filter with efficiency better than 99,995% MPPS (H14) and with a synthetic-fibres pre-filter with efficiency of 80%-90% ASHRAE.

The TWO 30 cabinet can be easily set to be operated in two different operational modes - i.e.: - it can function in "overpressure" and under "negative pressure".



## FASTER TWO 30 TECHNICAL SPECIFICATIONS



	Code	Dimensions (mm)		Power Kw	Supply V/Hz	Weight Kg
		Useful	Overall			
		LxAxP	LxAxP			
TWO 30	F72 700320	790x580x400	830x785x650	0.20	220-230/50	75

## ACCESSORIES

F72 704000	Epoxy powder painted modular stand for TWO30
F72 701050	Epoxy powder painted 3-drawers unit on pivoting wheels
F72 700300	UV lamp and stainless steel front closure for TWO30
F72 700310	UV timer
F72 700790	Differential pressure gauge
F72 700340	Stainless steel front closure for TWO30
F72 700760	Service connection for gas/vacuum (manual tap)
F72 700770	Service connection for electrical power
F72 709076	D.O.P. inlet

## OPERATIONAL PRINCIPLES

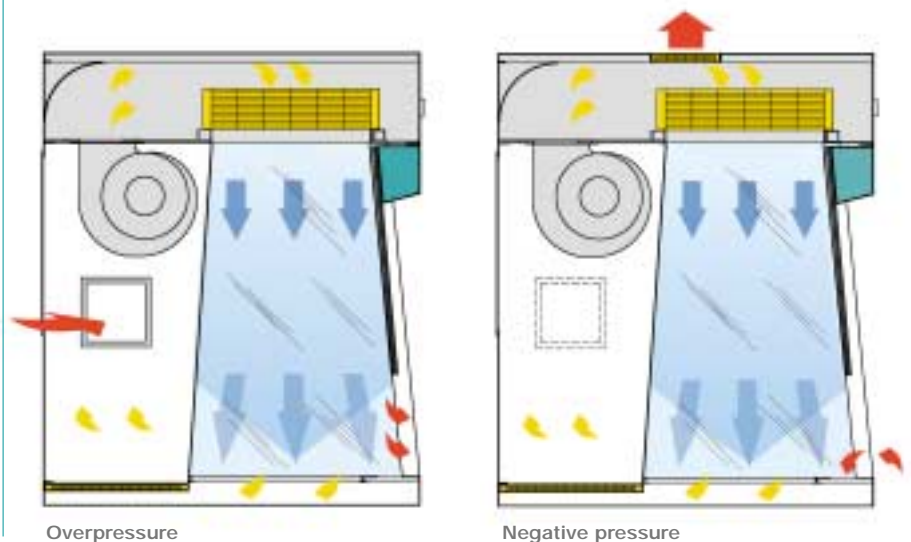
External air → Sterile air → Recirculated air →

### OVERPRESSURE

The air stream flowing down in laminar airflow pattern from the HEPA filter passes through the perforated work-surface. An air intake from the pre-filter side creates a slight positive pressure in the cabinet, which causes some of the air to be exhausted from the front aperture

### NEGATIVE PRESSURE

The ambient air is drawn in through the slots of the stainless-steel base at the front opening and it then passes under the work surface, from where it is drawn up and channelled after filtration through a HEPA filter in laminar air flow condition (about 90%) and exhausted outside (about 10%) through a pre-filter fitted on the upper side of the cabinet.



## FASTER MINILAB APPLICATIONS

**MINILAB** cabinet is a small work-station suitable for handling products that need to be protected against non-pathogenic airborne contamination. The compact, portable, approx. 500 mm wide cabinet can be easily moved and positioned on benchtops of a variety of different laboratories. It is suitable for various requirements - such as: PCR, not pathogenic microbiology and cell cultures.

The MINILAB cabinet is provided with a HEPA filter with an efficiency better than 99,995% MPPS (H14 – EN:1822) as well as a synthetic fibre pre-filter with minimum efficiency of 80%-90% ASHRAE.



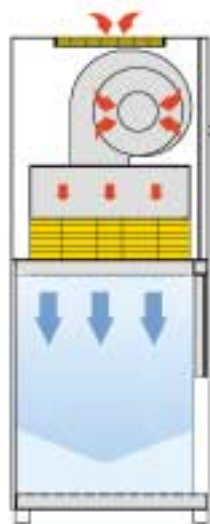
## FASTER MINILAB TECHNICAL SPECIFICATIONS



	Code	Dimensions (mm)		Power Kw	Supply V/Hz	Weight Kg
		Useful LxAxP	Overall LxAxP			
		MINILAB	P72 799900	580x375x317	642x830x340	0.11

## OPERATIONAL PRINCIPLES

The ambient air is drawn in through the pre-filter fitted in the upper side of the cabinet and it then passes after filtration through the HEPA filter into the work-area in laminar air flow conditions and then exhausted outside from the frontal aperture and under the work surface.



External air ←  
Sterile air ←

EN ISO 9001:2000 quality assured firm  
Certificate n°112



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