



F SN 001

Version n° 0 – 25.05.09
Page 1 out of 1

BIOSPAIR



Specifications

Details	Length : 230mm Diameter : 106mm Weight : 1.2kg in process
Material	White Delrin body. 316L stainless steel fastenings and plate holder. PTFE cover lid and grid.
Standard equipment	Biospair may accommodate 55 or 90mm plates (on request) 2 position on/off switch 3 position switch to select 3 pre-set sampling volumes 220V/50Hz battery charger, 10×1-2V NiCd accumulators (30mn charge on 220V/50Hz mains. LED charge indicator) 1 black ABS carrying case with interior compartments (400×300×140mm)
Optional equipment	Extra grids to accommodate 55 or 90 plates. Adaptor for 55 Rodar plates 3 way adjustable tripod (0.5 to 1.5meters) Tripod – 3way boom stand (adjustable boom arm) Remote control to activate sampling process.

Simplicity

4mm thick removable PTFE grid perforated with 0.5mm holes. The airflow drawn through this grid gets perfectly laminar and evenly covers the whole agar surface (pre-set 100 l/mm airflow at an 8 to 10m/s velocity when impacting agar surface)

Adjustable sample volume: 3 pre-set positions with a LED signal for each position:

Green LED: 330 liters
Yellow LED: 660 liters
Red LED: 1000 liters

Air sampling volumes may be modified (on request)

Green blinking LED push-button indicates sampling is in progress.
Still light indicates end of process. Sampling volume display.

Efficiency

Carbon fiber turbine
Electronic turbine speed regulator
Electronic countdown to select sampling volume
Electronic card protection -fuse with automatic reset-

Power supply

2h30 / 3h sampling time with 12V battery pack (charge indicator)