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<b>STREAM'AIR ISOLATOR VERSION</b>		



### Specifications

<b>Sampling unit detail</b>	Height: 300mm (3 units) Diameter: 120mm Weight: 850g
<b>Material</b>	Body made of PTFE (fluorine-polymer), very resistant, even to peracetic acid ABS rotor agitator Built-in tension and protection control system 316L stainless steel fastenings and plate holder Electrical connector and indicator light.
<b>Electrical equipment</b>	1 white ABS box : Length : 230mm Width : 210mm Height : 100mm Anodized aluminium front and back panels. Articulated and adjustable handle for easier transport. Contents: <ul style="list-style-type: none"> <li>- 1 printed circuit with detachable connectors. Circuit features tension control system to check turbine speed.</li> <li>- 2 ×12 Volts batteries or mains operated (on request)</li> </ul> 4 amperes battery. Complete recharge in 5 hours on 220volts/50Hz mains (battery charger included) 5 hour run time with 24Volt battery charge.
<b>Unit front panel</b>	1 digital controller for battery tension (displayed in Volts) 1 continuous LED electronic countdown (adjustable) 1 LED power switch (on/off) 1 sampling start button 1 LED button indicating sampling process completion 2 RCA jacks for impactor head power supply 1 Sampling process green ON LED
<b>Unit back panel</b>	1 connector for battery pack charge 1 panel mount fuse holder (1.6A fuse)
<b>Standard equipment</b>	1 blue ABS carrying case with interior compartments (Dimensions: 600×400×180cm) 1 × 220V/24V-400mAh battery block charger for 220V electrical outlet+ connector to unit box. 1 × 2m coaxial cable connecting control unit to impactor head (up to 10 meters on request) Total weight: 9kg.
<b>Optional equipment</b>	Extra impactor head to allow additional sample.

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Sample head features:

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/min airflow at a 15m/s velocity when impacting agar surface)

Housing features:

- On/off switch
- Sampling start button
- End of sample buzzer alarm
- Decontamination button to activate ventilation system during isolator decontamination cycle.

**Efficiency**

Carbon fiber turbine

Electronic turbine speed regulator

Electronic countdown for sampling volume selection

External fuse protection of electronic card

**Power supply**

24Volt battery pack with 5 hours minimum run time