



THE LAB EQUIPMENT

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**Product Name :**

Air Sterilisation Unit

**Product Code :**

SLE/SAH/37



**Website:** <https://www.thelabequipment.com>, **Email:** [sales@thelabequipment.com](mailto:sales@thelabequipment.com)

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## Description :

The Air Sterilisation Unit is a compact, cost effective and efficacious solution for the sterilisation of air within enclosed spaces.

This unit is designed for positioning around and alongside staff, patients, students or in areas of high people concentration.

Using UV-C for the killing of bacteria and viruses is not a new idea but this is possibly the firsttime it has been made available in such a compact, mobile unit.

Air is drawn in via side inlets and exposed to UV-C radiation for effective sterilisation before the internal fan expels the sterilised air back into the room via the front outlet.

The size allows access through all size doorways and the smooth castors make positioning easy.

A standard 3-pin plug means fast deployment and set-up.

Simple on/off switch means no risk of incorrect operation and little training required.

The compact size and light weight allows fast deployment.

Caution should be used when running this unit in a potentially explosive atmosphere!

The UV lamps require replacing every 5000 hours.

Each unit sterilises up to 800m<sup>3</sup>/hr and multiple units can be combined for larger spaces.

### Technical Specifications :

**Applicable room size per unit:** 80m<sup>3</sup>

**O3 concentration in air during dynamic sterilisation:** ?0.1mg/m<sup>3</sup>

**Sound Level (dB):** ?55

**Size (HxWxD):** 830 x 425 x 300mm

**Capacity (m<sup>3</sup>/hr):** ?800

### Working Environment :

**Temp. Range:** -10°C ~ 40°C

**Power Supply:** AC 220-240V 50/60Hz

**Humidity:** ?80%

**Atmos. Pressure:** 60KPa ~ 106KPa

**Power consumption:** ?250W

**Weight:** +/-25Kg

**Number of UVC tubes per unit:** 5

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