

GENANO 4500 **APPLICATIONS** for **MEDICAL AREAS**

ISO clean room test with Genano® 4500

A clean room classification test according to ISO 14644 was performed in **Epitek Oy, Finland** in May 2013. The test was performed in 36 m³ test area with 2 pcs of Genano® 4500 Medical Air Purifiers of which the other with air intake from outside the room for positive pressure.

The conclusion of the test was the following:

- With the right design you can achieve **ISO 6 level clean room** using Genano® 4500 air purifiers
- In a **time frame of 13 minutes** you can transform a room to a ISO 7 level clean room using Genano® 4500 air purifiers.



Genano® 4500 Technical specifications

4500 MOB dimensions (WxDxH) 570 x 440 x 1517

Weight 65 kg

Chassis Full steel

Decontamination efficiency up to 99.5%

Air volume flow capacity 200 - 450 m³/h

Applicable air volume up to 200 m²

Power 200 -240V 50Hz/110 - 120V 50/60 Hz

Energy consumption 90 - 140 W

Operating temperature range 0 - 60° C

Relative humidity (RH) 0 - 95%

Sound level 35 - 45 dB (A)

Medical device certification MDD Class 1

Models Mobile with handle and castors, Wall Model, positive pressure with tube inlet, negative pressure with tube outlet



Cardio-Vascular Surgery OR



OR with Positive Pressure Solution



Isolation room



Plastic surgery