

JACKSON SURGICAL SERVICES

Operio Mobile uses Class 14 HEPA filtration to produce a directed, non-turbulent, ultra-clean airflow. The unit directs the ambient air through its HEPA filtration system, cleaning the air and mitigating the potential for dangerous airborne and aerosolized particles such as the COVID-19 coronavirus coming into contact with persons and surfaces.

This medical-grade filtration device was originally developed to push an ultra-clean airflow to the surgical site and the sterile instruments used during invasive procedures. As such, you can request your Operio with an integrated detachable instrument tray so that it's role may be appropriately adapted. The ultra-clean airflow is easily aimed over the procedure site or any other area where there is a need to keep the aseptic integrity intact.

Operio Mobile offers the following features and benefits:

- Easy to set up, requiring no changes to the room.
- Filters 400 m³ of air per hour, cycles continuously to create and maintain a safe environment
- Can be repurposed to protect against surgical site infections in hospitals when the COVID-19 pandemic subsides





“Everything which is to come into contact with the wound has been made sterile, except the air, which is in contact with everything”

Whyte 1973

Operio Data Sheet

HEPA Filter: H14 Filter, High Efficiency Particles Filter, Filters 99.997% particles $>0.05 \mu\text{m}$

Regulatory compliance: US FDA 510(k) cleared

Air cleaning capacity/hr: 400 m³/hr

Air flow velocity: 0.4 – 0.5 m/s

Ultra-Clean Airflow Unit Overall Size: 24”L x 18”W x 51-67”H

Weight: 92 lbs

Tray Sizes: 18” x 24” (optional 16” x 18”)

Load limitation: Tray may be loaded with max 11 lbs

Min-max height adjustment: 31” – 47”

Power supply: 120 VAC, 60 Hz

Power consumption: 290 VA (23 VA in standby-mode)

Efficacy: Studies have shown a reduction from 48.2 to 0.4 CFU/m³ (Colony Forming Units) in a clinical environment

