

Air Sterilization

Laminar Air Flow

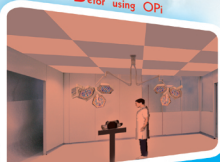
O*P*i



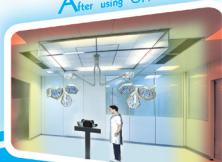
Island Of Ultra Clean Air



Befor using O*P*i



After using O*P*i



O*P*i makes sterile area suitable for doing critical operations need high performance infection control
O*P*i controls smallest air particles to avoid patient to get into contact with microbes & dust

Laminar Air Flow Opi

Sterile Area

Opi makes 4 m² & 9 m² sterile area according to your needs that assures great operational safety in the protection area of the primary air flow.

Infection Control Security

Opi provides optimum infection control security (97%) In comparison to conventional laminar air flow (67%)

Filters

Opi is equipped with top quality standard filters. (pre-filters & HEPA filters H14)

Investment Costs

Opi decreases the cost of construction & reconstruction (Initial cost)of operating theatre in comparison to conventional system by integrating the existing air condition system.

Fully Computerized System

Opi controls fans, filters and resistance pressure to maintain air velocity at 0.23 m/sec and air uniformity.

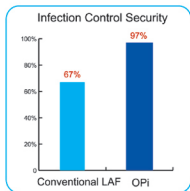
Lighting System

Opi is equipped with an integrated, non cleanable basic lighting system that provide a clear separation between sterile work space at the operating table & the operating area.

Completely Maintenance Free

Pre-filters will be changed every 6 months and HEPA filters every 6 years.

Comparison between conventional & Opi laminar air flow



Factors	Conventional LAF	Opi
Infection Control Security	67%	97%
Energy Consumption	100%	15%
Filter Replacement	100% Every 6 months	10% Every 6 years
Initial Costs	100%	100%
Installation	At least 14 days	2days

