

Effective smoke and particle
removal for safer surgery

Smoke Shark® II



**PROTECTS STAFF
FROM SMOKE
EXPOSURE**



**ULTRA-QUIET
POWERFUL
MOTOR**



**4-STAGE ULPA
FILTRATION
IN ONE FILTER**

Protect your healthcare staff from the dangers of
smoke exposure. The Smoke Shark® II evacuates
and filters surgical smoke plume and aerosols
created by during electrosurgery.

High suction, high flow rate vacuum motor

Surgical smoke is drawn from the site through
the vacuum tubing, into the Bovie® SF35 Filter
where the smoke is processed.

4-stage ULPA filtration in a single disposable filter

Simple to change and completely
enclosed, to protect against
potential contamination.



The problem

80%

OF SURGERIES USE ELECTROSURGERY

95%

OF THOSE CREATE SMOKE PLUME



500,000

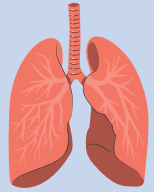
HEALTHCARE WORKERS

EXPOSED TO SURGICAL SMOKE PLUME ANNUALLY

DAILY EXPOSURE TO SURGICAL SMOKE PLUME

EQUATES TO SMOKING

27-30 CIGARETTES A DAY



The solution



99.999%
EFFICIENT IN TRAPPING 0.1-0.2MM PARTICLES AND MICRO-ORGANISMS

One SF35 Filter containing four different stages captures the smoke plume

- 1**
A prefilter function to trap and remove gross particulate and casual fluid.
- 2**
ULPA grade (Ultra Low Penetration Air) filter whose high-tech patented* design captures particulates and micro-organisms.
- 3**
Highest grade virgin activated carbon, for the removal and adsorption of odours and toxic gases produced by burning tissues.
- 4**
An expanded foam used to trap activated carbon fines from migrating out of the filter.

*U.S. Patent #5874052

To order or request more information please get in touch

E. info@surgicalholdings.co.uk T. +44 (0)1702 602050
surgicalholdings.co.uk



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