

SMOKE EVACUATION SOLUTIONS

OPTIMAL CONTROL
BETTER PROTECTION



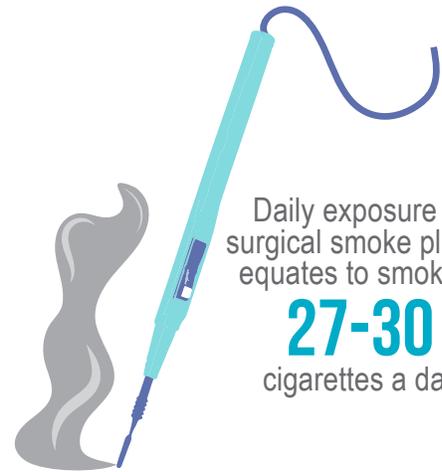
BOVIE SMOKE SHARK II - ORCA

HEALTH HAZARDS OF SURGICAL SMOKE

THE FACTS



Multiple commissions and associations have established guidelines for protecting O.R. Staff. States have introduced and passed legislation to make surgical smoke evacuation mandatory.



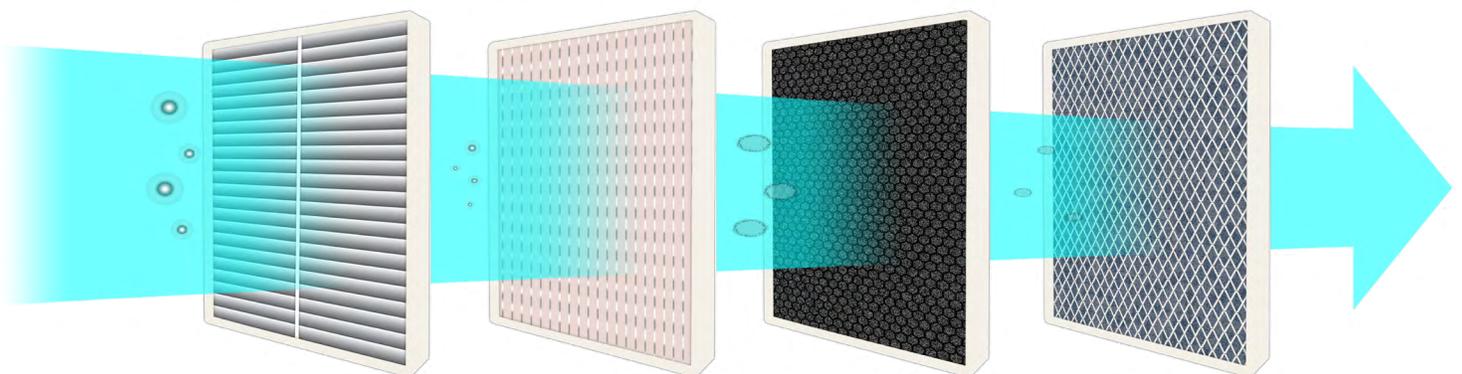
- **80%** of surgeries worldwide use electrosurgery
- Smoke plume is created in **95%** of these procedures
- **500,000** healthcare workers are exposed to surgical smoke plume annually

THE BOVIE[®] SMOKE EVACUATION SOLUTION

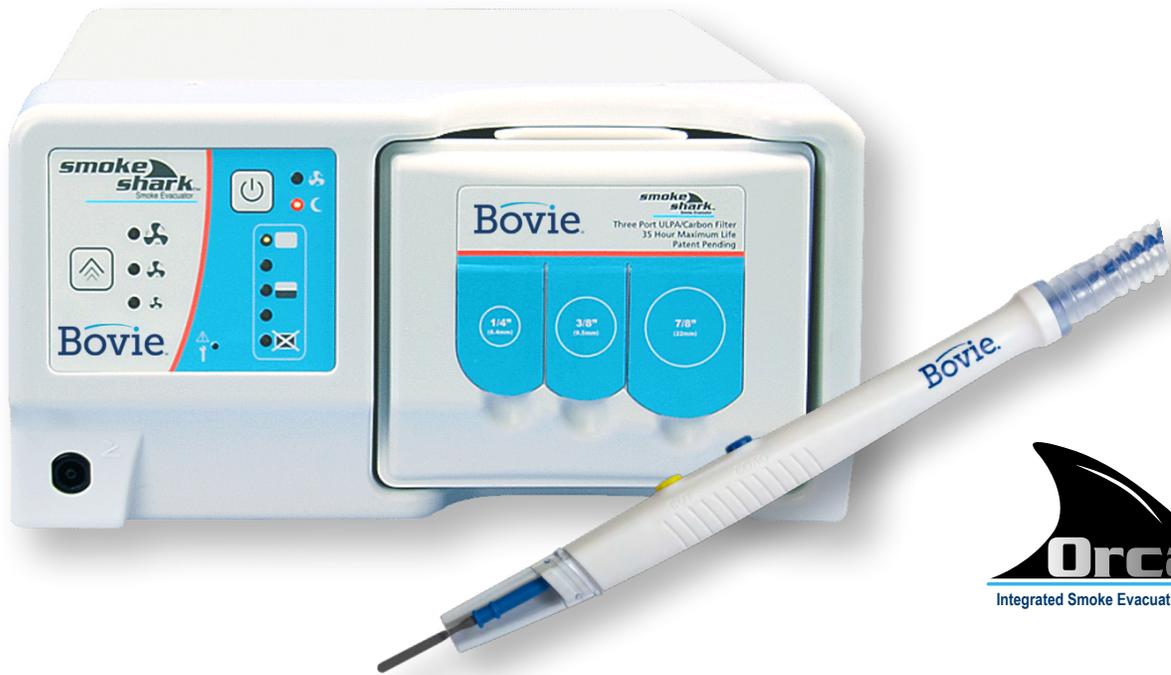
4-Stage ULPA Filtration

99.999%

efficient in trapping 0.1-0.2 μm particulates and micro-organisms



THE BOVIE® SOLUTION



- Protect O.R. staff from smoke hazards with this quiet and effective smoke evacuation system
- Powerful Performance, and up to 55% more smoke evacuation with the Bovie® ORCA smoke evacuation pencil
- Bovie® Smoke Shark II is a lightweight, compact smoke evacuator that allows for ease of use, storage and stack-ability, with a 35-hour filter life
- Three flow settings ensure perfect suction for any procedure



Up to 35-Hour Filter Life
3-Port Tubing Connection:
1/4" (6.4 mm), 3/8" (9.5 mm),
7/8" (22 mm) diameter



Smart Shark Activator
prolongs filter life by
avoiding unnecessary use.

Bovie® Smoke Shark® II System

| | | | | |
|---|---|---|---|---|
| Long-Life 35-hr Filter | Pneumatic Footswitch | Smart Shark Remote Activator Device | Bovie® Orca™ | Smoke Evacuator Pencil Adapter with 6' Tube |
|  |  |  |  |  |
| SF35 (included) | FSSEP (included) | SERS2* | ISEP1000* | SEPAT* |

* sold separately

Smoke Shark® II Technical Specifications

| | |
|--|--|
| Dimensions: | Line Voltage: |
| Height 6" (15.2 cm) Width 11" (27.9 cm) Depth 15.5" (39.4 cm) Weight 10 lbs (4.3 kgs) | SE02: 100/120 VAC SE02-220: 240 VAC |
| Line Frequency: 50 - 60 Hz | Noise Level: 55.0 dBA (Maximum) |
| Warranty: Limited two (2) year on unit only | |

CALL YOUR SYMMETRY SURGICAL SALES REPRESENTATIVE, LEARN MORE AT SYMMETRYSURGICAL.COM OR CALL 1-800-251-3000. EDUCATIONAL RESOURCES AVAILABLE AT WWW.BOVIEMEDICAL.COM INCLUDING, "SURGICAL SMOKE: A CLEAR WAY TO END A LINGERING PROBLEM" E-BOOK.

Accessories Bovie® Electrosurgical Pencils

| CODE | DESCRIPTION | CODE | DESCRIPTION |
|----------|--|-------|--|
| ESP1 | Push Button Electrosurgical Pencil, Blade | SS95 | Shark Skin Pencil Adapter, 10ft Tubing, Sterile, 10/bx |
| ESP1T | Push Button Electrosurgical Pencil, Coated Blade | 786TS | Vacuum Tubing 7/8" x 6" Hose to Hose Connect |
| ESP6 | Rocker Switch Electrosurgical Pencil, Blade | SEVL | Vacuum Tubing 7/8" x 6" reduced to 3/8" for Valleylab |
| ESP6T | Rocker Switch Electrosurgical Pencil, Coated Blade | SETW | Vacuum Tubing with Wand & Tip |
| ISEP1000 | Orca™ Smoke Evacuation Pencil, 10ft Tubing | SERF | Vacuum Tubing with Reducer Fitter 7/8" to 1/4" x 24" |
| 75800 | Olsen® Monopolar Pencil | SELW | Laser Resistant Wand 7/8" x 8" |

References: 1 Hill DS, O'Neill JK, Powell RJ, Oliver DW. Surgical smoke – a health hazard in the operating theatre: a study to quantify exposure and a survey of the use of smoke extractor systems in UK plastic surgery unit. *J Plast Reconstr Aesthet Surg.* 2012; 65(7):911-916.
2 Lee J. Update on electrosurgery: New products and features make procedures safer, easier. *Outpatient Surgery Magazine* 2002. <http://www.outpatientsurgery.net/surgical-service/electrosurgery/update-on-electrosurgery--02-02>.

