

# ULTRAVISION2

See your smoke management  
problems disappear

New!

Effective **Smoke Management**  
Slimline, **Easy To Use**  
Silent, **No Distractions**  
Environmentally **Friendly**

Ultravision2 IonPencil™

Ultravision2 Generator



# Why Choose Ultravision For Open Surgery?

Ultravision2™ provides advanced smoke management for OR staff with the new IonPencil for use in open surgery.

The IonPencil suppresses aerosolization of the surgical smoke at the source, minimizing its release into the operating room. The slimline ergonomic design provides an unshrouded electrode tip, enabling excellent operative site access, and the lack of tubing ensures minimal torque and drag.

The silent Ultravision2 generator helps ensure OR staff can concentrate on the patient, with minimal distractions. The efficient design also improves sustainability with reduced packaging, reduced single use plastics, reduced energy consumption, and no disposable filters.



New!

## The IonPencil

The IonPencil has been developed to provide excellent smoke management performance but without any of the bulk associated with conventional "smoke pencils" that can compromise surgical performance.

- A - Slimline handle.
- B - No tubing.
- C - Reduced weight compared to smoke pencil.
- D - Unshrouded electrode tip.
- E - Easy to handle, greater tissue access.

# Key features & benefits



Lightweight ergonomic  
'slimline design'  
Easy to handle,  
greater tissue access



Silent in  
operation  
Less distraction,  
more focus



Efficient smoke  
management  
Reduced exposure to  
potentially hazardous  
surgical smoke



Reduced waste  
versus smoke pencil  
No disposable  
filters, less  
packaging, less  
single use plastic

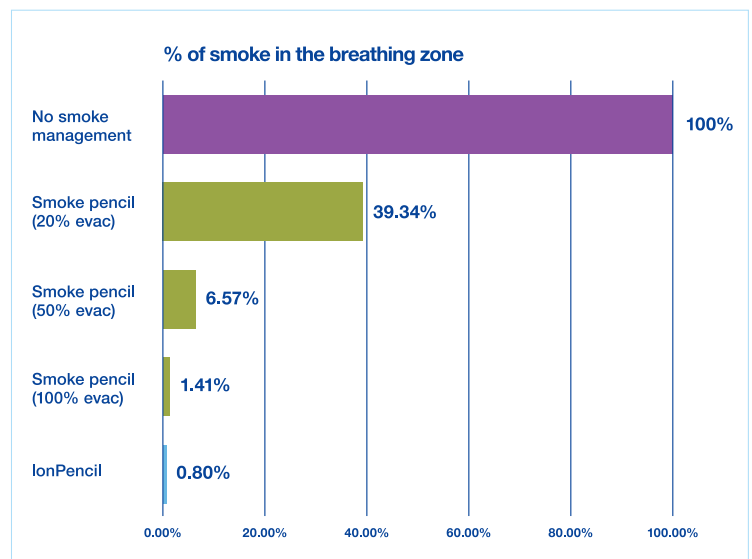
# Ultravision Performance Comparison...

	IonPencil	Telescopic Smoke Pencil	Non-Telescopic Smoke Pencil
Best-in-class operative site access	●	◐	◑
High maneuverability	●	◐	◑
Silent in operation	●	◐	◑
High energy efficiency	●	◐	◑
Low environmental impact	●	◐	◑






# IonPencil delivers excellent smoke management performance

Smoke management performance was assessed in simulated testing against a representative smoke pencil. The IonPencil demonstrated consistent and excellent performance in suppressing smoke released into the atmosphere, whereas the smoke pencil performance was highly dependent upon the vacuum setting of the smoke evacuator\*.

In simulated surgery to assess volatile organic chemicals (VOCs), even without room ventilation, only five of 64 VOCs assessed were elevated in room air samples when using the IonPencil. Quantifying these five VOCs confirmed a large margin of safety for both fifteen-minute, short-term (STEL) and eight-hour daily average (TWA) exposure limits\*\*.



\* Source: Alesi Surgical report MCR-007-3 Rev 1  
 \*\* Using the Environmental Protection Agency (EPA) TO-15 test method, margins of safety ranges were STEL: 26-28,000; TWA: 17-75,000.  
 Source – Alesi Surgical report DVER-007-012 Rev 1.

Order Number	Item Description	
DPD-006-001	Ultravision2 Generator	
DPD-007-002	Ultravision IonPencil (x40)	
DPD-006-201	Ultravision2 Integrated Monopolar L-Hook (x5)	
DAD-003-014	Ultravision 5mm Trocar (x6)	
DAD-001-003	Ultravision Ionwand Pack (x10)	

## What the surgeons say

“My experience with the IonPencil has been excellent. It feels very similar to a standard pencil but generates *no smoke!*”

Colorectal surgeon, UK.



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