

Smoke Shield™ Smoke Evacuation Cautery Pencils

Keep staff and patients safe with cleaner air



**Clearing the
way for
operating
theatre safety**

Don't let the safety of your operating theatre go up in smoke.

The dangers associated with surgical smoke have prompted a global push for increased regulations.

EU Directive 2000/54/EC and UN Sustainable Development Goal 3.9 are two such regulations that aim to help minimise the health-related risks of biological agents at work. Include this solution to your implementation of prescribed measures to help alleviate the impact of smoke exposure on your healthcare staff.



On average, the amount of surgical smoke inhaled by surgical staff daily is the equivalent of the smoke from **27 to 30 cigarettes**.



Surgical smoke contains more than **150 hazardous chemicals**, as well as **carcinogenic** and **mutagenic cells**.



Smoke particles can harm the lungs, eyes, nose, and throat, resulting in both **immediate** and **prolonged irritation** and inflammation for surgical teams.



Surgical smoke can **obscure surgeons' visibility of the area**, increasing stress and prolonging operating time.



Smoke evacuation systems are designed to significantly reduce exposure levels, and under optimal conditions, can **reduce surgical smoke by up to 99%**.

Smoke Shield™ Smoke Evacuation Cautery Pencils



Intuitive

Triangular, flexible design helps reduce hand and wrist fatigue, enhancing ergonomics and expanding the range of motion



Efficient

Designed to be quiet and light-weight, with large lumen for powerful suction capability



Safe

Developed to be waterproof, sustainable materials help ensure durability while the fully integrated cautery pencil cord enhances safety in working conditions

Cord inside the tubing
Designed for enhanced operating theatre organisation

Flexible, corrugated tubing
Developed to prevent collapsing

Tactile-feel buttons
Designed for intuitive functioning

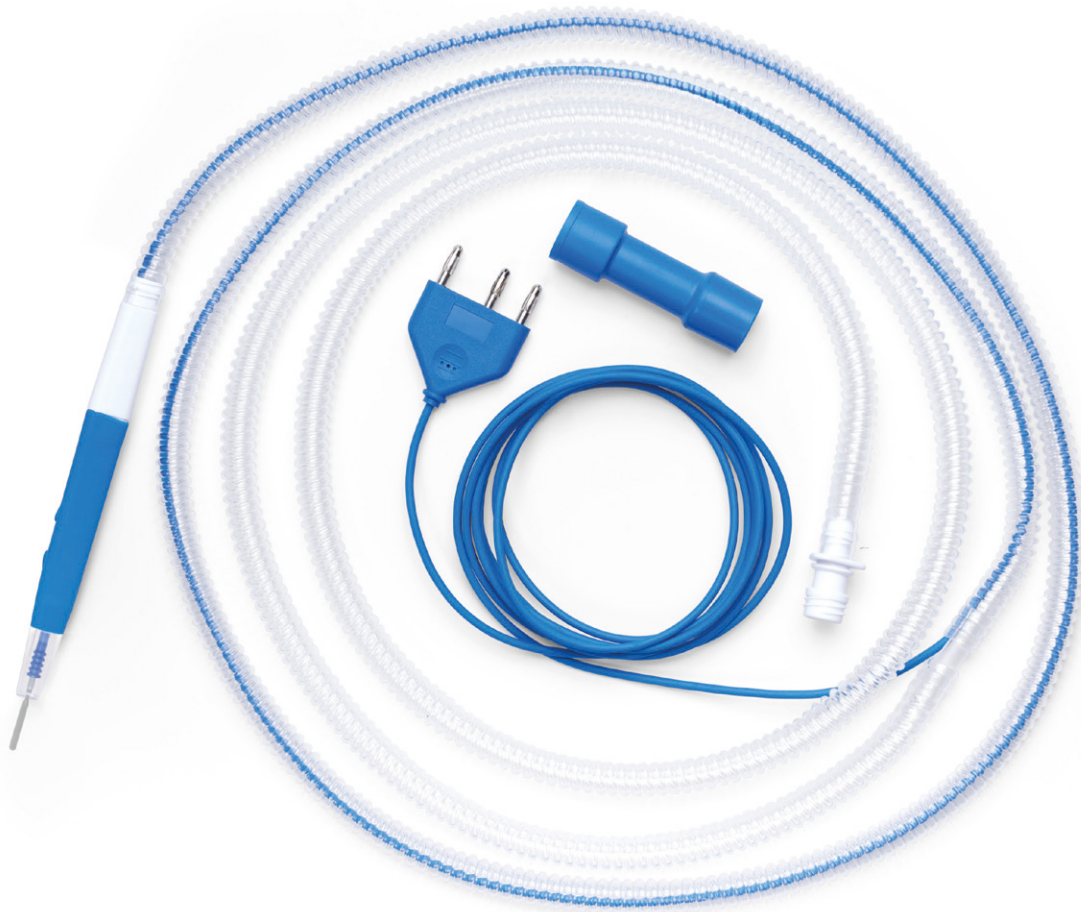
Large lumen
Designed for enhanced suction and efficiency

Silicone cover
Developed to provide maximum electrical safety and prevent buttons from becoming adhesive



Medline's Smoke Shield™ Evacuation Cautery Pencils can support you in prioritising the safety of your operating theatre staff, recognising the level of impact of surgical smoke.

Designed to capture plumes of smoke at the source, thereby enhancing visibility, and minimising exposure to harmful substances, this integrated system helps you create a cleaner and safer work environment. Our solution further enables your surgical team to concentrate on delivering optimal patient care.



Smoke Adapter

Includes built-in filter, 15/22 mm in size, with male/female connector and built-in specimen filter



3-Pin Connector

Compatible with most of the generators, offering a wide range of connection options

Smoke Shield™ Pencil Extenders

Designed for efficient cavity access.

Benefits and features

- **Intuitive and secure fitting:** With straightforward connection of the electrode
- **Elimination of waste:** Extension is ensured, as you can reuse the pre-attached electrode on both extenders; no need for an extended electrode

How do the extenders differ?

Variations in extender lengths affect the exposure of the blade attachment.

Long-tipped extender:

Partially conceals the tip electrode, while ensuring strong suction from the source.



Short-tipped extender:

Leaves the tip electrode entirely exposed, allowing surgeons increased maneuverability and visibility, for precise positioning within enclosed cavities; possible without compromising suction capability.



Item code	Description	PF	Pack component number (non-sterile)
ESSMOKE001 ⁴	Smoke Shield Smoke Evacuation Pencil; with standard blade electrode	10	ESSMOKE001NS
ESSMOKE101 ⁴	Smoke Shield Smoke Evacuation Pencil; with coated blade electrode	10	ESSMOKE101NS
ESMOKEEXT145 ⁵	Smoke Evacuation Pencil Extension; extender, short suction tip	10	B31-15-145
ESMOKEEXT150 ⁵	Smoke Evacuation Pencil Extension, extender, long suction tip	10	B31-15-150



ESSMOKE001



ESSMOKE101



ESMOKEEXT145



ESMOKEEXT150

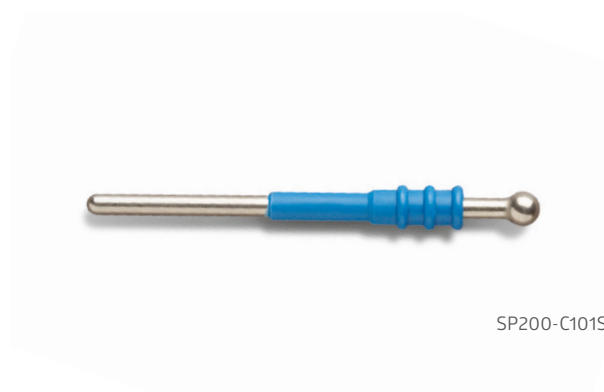
Compatibility with electrodes

The Smoke Shield Cautery Pencil can be used with the following Medline-branded electrode codes:

Item code	Description	Pack factor/ case
SP200-C101S ¹	Ball Electrode; 5-mm diameter, 5 cm, sterile*	10
SP200-N100S ²	Needle Electrode; 7 cm, sterile*	10
SP200-B100S ²	*Blade Electrode; 7 cm, sterile	10
MN01-FG001401 ³	PTFE Blade electrode; 7 cm, sterile**	12
WN01-FG003001 ³	PTFE Blade Electrode; external insulation, 7 cm, sterile**	12
MN01-FG001501 ³	PTFE Needle electrode: 7 cm, sterile**	12

*Same code for sterile product

**Polytetrafluoroethylene



**Within Medline's
electrosurgical portfolio,
you have it all: a range of
high-quality products,
designed to facilitate
safe procedures, and
reliable expert support.**



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¹ Ball electrodes are class IIb sterile medical devices intended to be used by healthcare professionals.

² These products are class IIb sterile medical devices intended to be used by healthcare professionals.

³ PTFE Blade electrode and PTFE Needle electrode are class IIb sterile medical devices intended to be used by healthcare professionals.

⁴ Smoke Evacuation Pencil are class IIb sterile medical devices intended to be used by healthcare professionals.

⁵ Smoke Evacuation Pencil Extension are class IIb sterile medical devices intended to be used by healthcare professionals.

Before use, consult instructions and precautions on the corresponding labelling.

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