

**S-PILOT®**

Your solution for a smoke-free OR



# S-PILOT® – Do not wait for the smoke to settle

Numerous interventions are performed every day that require the use of energy application systems such as HF units or lasers. Thermal reactions, particularly during HF surgery, may cause unpleasant odors or toxic smoke that may be inhaled for hours at a time. Furthermore, standard OR masks are unable to filter smaller particles generated by surgical smoke while OR masks with better filters make it difficult to breathe normally. For these reasons, leading authorities recommend the use of smoke evacuation systems.<sup>2</sup>

The generated smoke also disturbs endoscopic visualization which causes further disruption. Moreover, the view of the OR field is obstructed and surgeons are hindered in their work.

The S-PILOT® system provides a solution for these very problems and also ideally complements the existing product range. Through effective surgical smoke management, the S-PILOT® system provides excellent visibility and helps to extract toxic smoke. We offer you efficient and harmonized solutions for smoke evacuation as well as powerful high-frequency surgical units.

Please contact your KARL STORZ representative for a solution that meets your individual needs.





## Practical application

- Efficient management of suction and filtering of surgical plume
- Parallel suction of surgical smoke and fluids possible via a tubing set
- Efficient gas consumption thanks to individual adjustment of suction power from the sterile field
- Allows smooth, cost-efficient and customizable integration into existing systems



## Intuitive use

- Automatic activation of suction in conjunction with KARL STORZ high-frequency surgical units
- Automatic smoke management in combination with third-party equipment also possible
- Individual control possible via footswitch



## Your health counts

- 1 day in the OR can be as harmful as inhaling 27-30 unfiltered cigarettes<sup>1,2</sup>
- Standard OR masks are unable to filter smaller smoke particles<sup>2</sup>
- Protect yourself and your OR personnel against toxic surgical smoke and ensure clear visibility



S-PILOT® Video

<sup>1</sup>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 units. *J Plast Reconstr Aesthet Surg.* 2012 Jul;65(7):911-6.

<sup>2</sup>Nilay R. Shah, MD, MS. Commentary On: "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 Units". *Ann Med Surg (Lond).* 2012; 1: 23-24.

**It is recommended to check the suitability of the product for the intended procedure prior to use.**



...evolution continues

**STORZ**  
**KARL STORZ — ENDOSKOPE**

*THE DIAMOND STANDARD*

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