Stieglitz | Suction and Irrigation Device
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Finally: Suction and irrigation with a single handpiece
Dr. med. Lennart Stieglitz
UniversitätsSpital – University Hospital Zurich

Easy switchover from suction to irrigation
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Secure connections for both suction and irrigation tubes
One tip for suction and irrigation

Compatible tips

Description Stieglitz-Suction and Irrigation Device
Finally: Suction and irrigation with a single handpiece

Suction and irrigation are part of any microsurgical procedure from the very beginning to the end.

Irrigation is mostly performed by an additional member of the operating room team. However, this approach requires additional personnel and more importantly the second instrument interferes with the surgeons view. More importantly this practice requires constant instructions to be given by the surgeon, which has the disadvantage of being not only time consuming but also has a negative effect on concentration and precision.

The Stieglitz-Suction and Irrigation Device combines both functions in a unique way – in a single small and disposable microsurgical instrument.

The special ergonomic design allows intuitive and secure handling.

The ergonomic design of the Stieglitz-Suction and Irrigation Device accommodates multiple grip positions. It is connected to a pressure infusion and a vacuum source by two flexible tubes.

A keyhole-shaped opening enables the suction strength to be regulated. Irrigation and suction are carried out through an attached tube. With a small movement of the finger from the key-hole opening to an easily operable push button, the surgeon can change the function from suction to irrigation.

“A clear view of the surgical field is essential in microsurgical approaches.

With this instrument the surgeon regains full control over the two most important functions for this purpose.”

DR. MED. LENNART H. STIEGLITZ
UniversitätsSpital – University Hospital Zurich
Senior Physician in the Department of Neurosurgery
Easy switchover from suction to irrigation:
Secure control and precise dosing!

1 | Easy switchover from suction to irrigation
By lightly pressing the button, one can alternate between suction and irrigation. Simple activation allows secure control and precision in microsurgical procedures.

3 | Secure connections for suction and irrigation tubes
The irrigation tube supplied with a Luer-Lock connector provides a secure connection to the source of irrigation liquid. The connecting piece is used to attach a suction tube.

2 | Controlled suction strength
Cover the key-hole opening completely or partially to regulate the suction strength.

4 | A single tip for suction and irrigation
The Luer-Lock connector is designed for the secure attachment of tips up to 3 mm in diameter with a Luer-Lock.
**Technical specifications**

- Diameter of the suction connecting piece: 8 mm
- Length of the irrigation tube: 120 cm
- Can be combined with tips up to 3 mm diameter with a Luer-Lock connector
- Duration of use limited, up to 6 hours
- Latex-free
- Sterile packed
- EO sterilized
- For single use only

**Ordering information**

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<thead>
<tr>
<th>Description</th>
<th>REF</th>
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<td>Stieglitz-Suction and Irrigation Device</td>
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<tr>
<td>Metal Suction Tip 3.0 x 100 mm</td>
<td>INS01.102.01</td>
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<td>Metal Suction Tip 3.0 x 130 mm</td>
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*With a larger diameter than the standard irrigation set, this irrigation set will increase the flow of irrigation up to 30%. Only available in Europe. Not all mentioned devices are available in all markets. Please contact your local sales representative for further information.