

Continuous Flow Cutter

MAKING THE DIFFERENCE WITH TRACTION FREE HIGH SPEED CUTTING



- **Traction free** and continuous aspiration supported by unique SPEEPMode
- **Close cutting at the tissue** through minimal port-to-surface distance
- **High efficiency** with pneumatic pushpull principle invented by Oertli

Traction free high speed cutting

Unlike traditional guillotine cutters with their open and closed position, the port of the Continuous Flow Cutter remains always open. A 0.1 mm wide double edged shearing blade cuts forth and back, therefore the volume of vitreous removed per cycle is doubled. This greatly reduces vitreous removal times and provides even small gauge cutters with impressive high speed cutting while ensuring continuous aspiration.

Close access to the tissue

The minimal distance 0.17 mm (27 G) from the port opening to the surface provides an excellent access to the tissue allowing precise manouvers at the retina.

Inventing the pneumatic push-pull principle

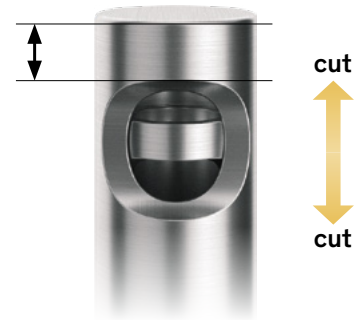
Oertli achieved its international breakthrough in vitreoretinal surgery by inventing the first vitrectomy cutter in 1971. Also the push-pull principle of pneumatic cutters is an invention by Oertli. The pneumatic push-pull principle uses pneumatic force for both, the forward and the backward movement. This results in a repeatedly high cutting force in both directions and eliminates the hysteresis of spring driven systems.

Fluidics obsolete duty cycle and facilitates efficiency

Duty cycle becomes obsolete as the port is always open and while the Oertli fluidics are based on physics. The unique SPEEPMODE combines the best of the peristaltic and Venturi pump systems, as flow and vacuum can be controlled at the same time. This provides full fluidics control and unsurpassed precision in modern vitreoretinal surgeries.

Minimal port-to-surface distance

- 23 G 0.22 mm
- 25 G 0.21 mm
- 27 G 0.17 mm

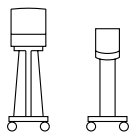


Features and benefits

- Traction free and continuous aspiration supported by unique SPEEPMODE
- Close cutting at the tissue through minimal port-to-surface distance
- High efficiency with pneumatic push-pull principle invented by Oertli
- Perfect portioning of vitreous body thanks to strong holding and cutting force
- Doubled cut rates up to 10'000 cpm



Scan the QR code to see the difference



Continuous Flow Cutter	⊗	● 20 G	VV104110
Continuous Flow Cutter	⊗	● 23 G	VV106110
Continuous Flow Cutter	⊗	● 25 G	VV105110
Continuous Flow Cutter	⊗	● 27 G	VV107110

All articles are delivered sterile, single use, box of 10 and are also available in various vitrectomy packs

oertli[®]
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