“Versatility designed to handle all your surgical backflush needs.”

Vitreo
About Vitreo

Vitreo creates instruments for the ophthalmic society with a special focus on vitreoretinal surgery. Our products are perfectly matched to your needs. Fluid design that is achieved through working hand-in-hand with leading, innovative surgeons from all over the world. That is our vision.

With many years experience in design, production and marketing of high quality products, Vitreo develops reliable and safe, next generation solutions that enhance performance and support advanced surgical techniques.

Product design

Vitreo’s skilled team of R&D, engineering and tool-making experts work together with vitreoretinal surgeons to develop new products that lead vitreoretinal surgery forward. Dedicated to continuous improvement, they are flexible, yet focused, enabling us to respond rapidly to our customers’ needs.

Product manufacturing

With in-house manufacturing capacity, all the components required for Vitreo products are manufactured and assembled in our own, purpose-built, and ultra modern production facility, using state-of-the-art assembly methods. All production is managed and controlled to the highest international quality standards.

Backflush instruments

Featuring an ergonomically designed handle, rigid shaft and high volume backflush reservoir for increased backflush capacity.

Disposable backflush reservoirs and needles
- High volume backflush reservoir for increased backflush capacity
- Direct connection between reservoir and needle
- No contact between handpiece and intraocular fluids in passive backflush
- Disposable blunt needle tip and silicone brush needles available for atraumatic aspiration and brushing retinal surface

Rigid shaft
- New hardened metal shaft reduces flexibility by 25%
- Reduced bend ability improves surgical control

Wide range of sizes
- Reusable backflush instruments available in 20, 23 and 25G
- Disposable backflush instruments available in 20, 23, 25 and 27G

Ergonomically designed handle
- Improved intraocular surgical control and precision during surgical maneuvers
- Passive and active aspiration control in one instrument
- Enlarged backflush reservoir for increased backflush capacity
- Available in standard, retractable and extendable backflush styles

Color-coded
- For clear identification of instrument gauge size
Reusable backflush instruments
Featuring an ergonomically designed handle, rigid shaft and high volume backflush reservoir for increased backflush capacity.

Universal backflush instrument
Art.No.: BF00.R01
Universal Backflush Instrument with Passive and Active Aspiration

Disposable backflush needles

<table>
<thead>
<tr>
<th>Gauge</th>
<th>Art.No.</th>
<th>Type</th>
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<tbody>
<tr>
<td>23</td>
<td>BF00.D01</td>
<td>Blunt Needles</td>
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<tr>
<td>23</td>
<td>BF00.D02</td>
<td>Brush Needles</td>
</tr>
<tr>
<td>25</td>
<td>BF00.D03</td>
<td>Blunt Needles</td>
</tr>
<tr>
<td>25</td>
<td>BF00.D04</td>
<td>Brush Needles</td>
</tr>
<tr>
<td>20</td>
<td>BF00.D05</td>
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Disposable luer-lock bf needles

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<tr>
<td>23</td>
<td>BF23.D01</td>
<td>Blunt needles with luer-lock connector</td>
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<tr>
<td>23</td>
<td>BF23.D02</td>
<td>Brush needles with luer-lock connector</td>
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<tr>
<td>23</td>
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<td>23</td>
<td>BF23.D04</td>
<td>Brush needles with luer-lock connector</td>
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<tr>
<td>23</td>
<td>BF23.D05</td>
<td>Blunt needles with luer-lock connector</td>
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Backflush consumables

<table>
<thead>
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<th>Type</th>
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<tr>
<td>Reservoirs, Passive</td>
<td>BF00.D01</td>
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<tr>
<td>Reservoirs, Active</td>
<td>BF00.D02</td>
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<tr>
<td>Disposable Tubing for Active Aspiration</td>
<td>BF00.D03</td>
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<tr>
<td>Packaged box/5, Sterile</td>
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</table>

Disposable backflush instruments
Passive or active control using one disposable instrument, with ergonomically-designed handle and three options:

Standard backflush style
- With blunt or brush tip

Retractable backflush style
- Silicone brush tip can retracted into the shaft for smooth and safe valved-cannula entry

Extendable backflush style
- 8mm Extendable silicone tip can be used to drain fluid from behind the retina and standard backflush purposes

23 Gauge
- Art.No.: BF23.D01
- 23G Blunt Backflush Instrument
- Art.No.: BF23.D02
- 23G Brush Backflush Instrument

25 Gauge
- Art.No.: BF25.D01
- 25G Blunt Backflush Instrument
- Art.No.: BF25.D02
- 25G Brush Backflush Instrument

27 Gauge
- Art.No.: BF27.D01
- 27G Blunt Backflush Instrument
- Art.No.: BF27.D02
- 27G Brush Backflush Instrument

20 Gauge
- Art.No.: BF20.D01
- 20G Blunt Backflush Instrument
- Art.No.: BF20.D02
- 20G Brush Backflush Instrument

Packaged box/5, Sterile
### Vitreaq’s Quality System Complies with the Highest International Quality Standards

Vitreaq’s quality system complies with the international quality and regulatory requirements and is certified according to international standard ISO 13485:2003 Medical devices – Quality management systems - Requirements for regulatory purposes. The vitreoretinal surgical devices are certified according to the medical devices directive 93/42/EEC, annex II.

<table>
<thead>
<tr>
<th>Gauge</th>
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<th>Art.No.</th>
<th>Instrument</th>
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<td>BF25.D02</td>
<td>25G Brush Backflush Instrument</td>
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<td>25G Retractable Brush BF-Instrument</td>
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<td>Extendable</td>
<td>BF25.D07</td>
<td>25G Extendable Silicone Tipped BF-Instrument</td>
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<td>BF27.D02</td>
<td>27G Brush Backflush Instrument</td>
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<td>20G Blunt Backflush Instrument</td>
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<tr>
<td></td>
<td></td>
<td>BF20.D02</td>
<td>20G Brush Backflush Instrument</td>
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</table>

**ISO Certification**

The quality system, the vitreoretinal surgical devices and ophthalmic surgical products are CE certified by the Notified Body BSI.

**FDA**

Vitreaq B.V. is an FDA registered manufacturer of medical devices.

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