

# GET INTO POLE POSITION.

HIGHEST PERFORMANCE THROUGH  
SOPHISTICATED TECHNOLOGY.

**Geuder**<sup>®</sup>  
Precision made in Germany



EXPERIENCE THE  
NEW MEGATRON  
S4<sup>HPS</sup>



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**megaTRON<sup>®</sup> S4<sup>HPS</sup>** – Experience it...

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## megaTRON® S4<sup>HPS</sup> – Focused on safety

- Minimization of applied US energy
- Excellent chamber stability
- Internal compressor avoids fluctuations



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## megaTRON® S4<sup>HPS</sup> – Focused on efficiency

- Dual pump system with hot-switch functionality and venturi effect
- Intelligent fluidic management
- Maximum exploitation of cavitation for more effective core emulsification



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## megaTRON® S4<sup>HPS</sup> – Focused on cost effectiveness

- Investment security through upgradability
- Low and controllable costs
- Autotuning for long longevity of US handpieces
- „One-cassette-for-all“ – No necessity of intraoperative change





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## megaTRON® S4<sup>HPS</sup> – Focused on flexibility

- Maximal mobility and modularity
- Large accessory portfolio
- Freely programmable dual-linear footswitch
- Text-to-speech in 8 different languages
- State of the art modules and functions for the modern anterior and posterior segment surgery



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## megaTRON® S4<sup>HPS</sup> – Machine accessories

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- Freely programmable dual-linear footpedal
- Different equipment carriages for all requirements
- Uninterrupted power supply

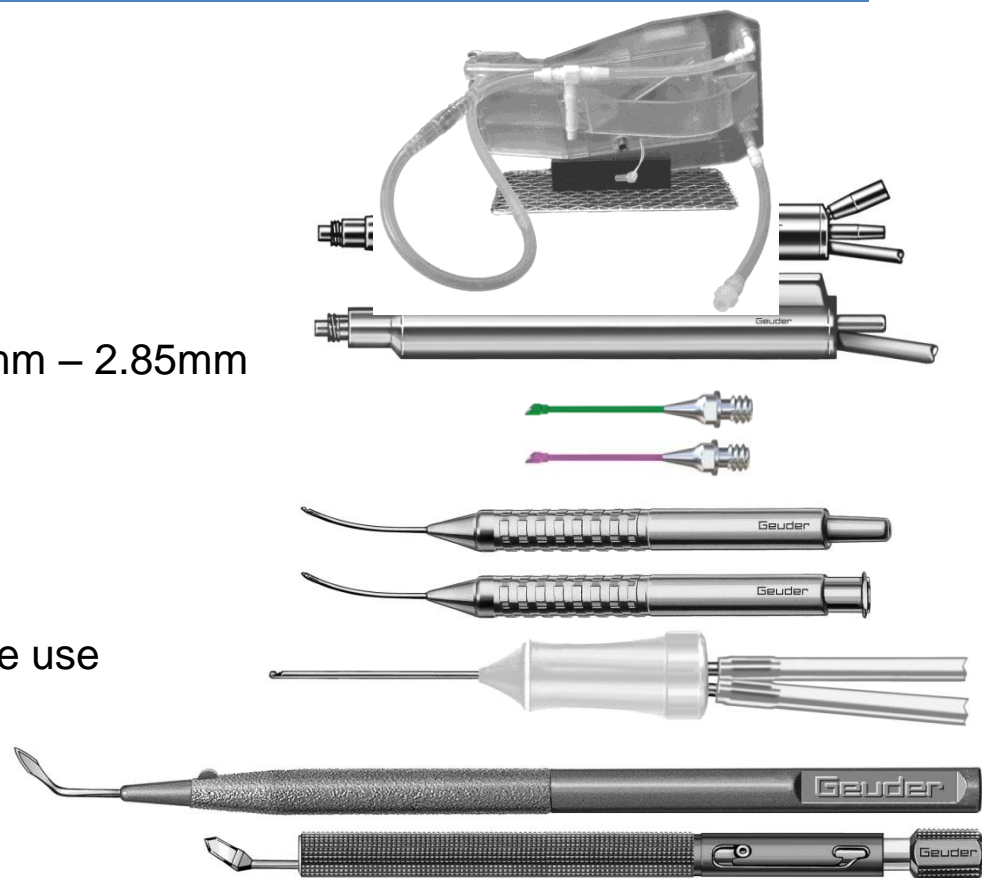


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## megaTRON® S4<sup>HPS</sup> – Cataract accessories

- High Performance cassette
- Variety of handpieces
- Large US tip portfolio from 1.8mm – 2.85mm
- Unique I/A portfolio
- HS anterior vitrectomy Cutter
- Optionally: Re-usable and single use knives





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## megaTRON® S4<sup>HPS</sup> – Ultrasound handpieces

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- 4 different handpieces for all requirements
- Long longevity through unique sealing technology
- 100% constant performance over the entire lifecycle
- Ergonomic design for fatigue free application

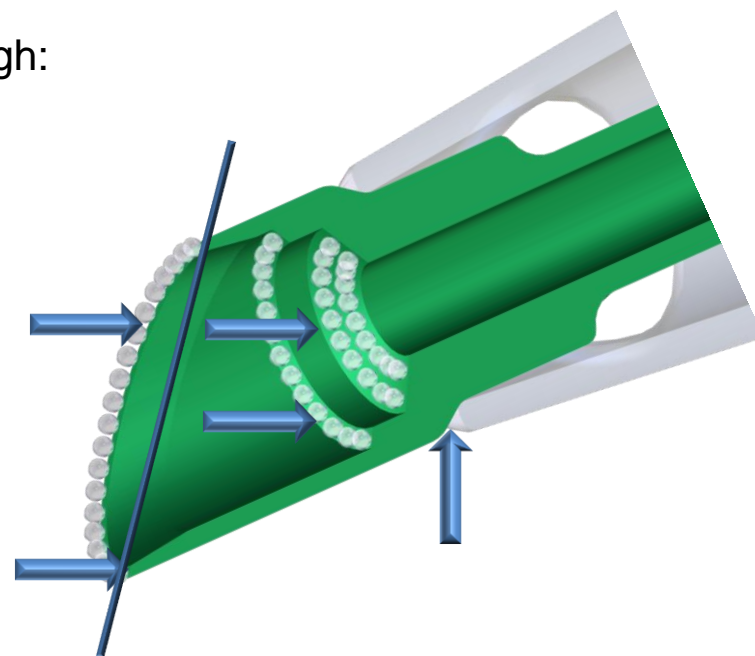


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## megaTRON® S4<sup>HPS</sup> – Pure Efficient Phaco tips

- Maximum saturation of cavitation through patented 3-step design
- Smoother grooving and shorter APTs also in mature cataracts through additional cutting edge at the tip
- Maximum followability and holdability through:
  - 40 bevel
  - perfect docking sleeve



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## megaTRON<sup>®</sup> S4<sup>HPS</sup> – Pure Efficient Phaco tips

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- Available for 1.8 to 2.4mm incisions



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## megaTRON® S4<sup>HPS</sup> – Large I/A portfolio

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- More than 30 high quality I/A handpieces for various requirements



Re-usable for bimanual technique



Single-use for bimanual technique



Re-usable for coaxial technique

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**megaTRON<sup>®</sup> S4<sup>HPS</sup>** – Experience the flexible complete system...

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## megaTRON® S4<sup>HPS</sup> – Focused on safety

- no **TRACTION** – Maximum safety on the vitreous basis
- Perfect aspiration management with the new Uno Colorline MACH2 cutter
- Dual pump system with hot-switch function and venturi effect
- Medication timer – Precise monitoring of applied medication



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## megaTRON® S4<sup>HPS</sup> – Focused on efficiency

- 12.000 cpm\*, liquidization of the vitreous
- Optimal duty cycle management system
- Fast core vitrectomy
- Integrated control for endoTRON<sub>532</sub>



\*Only in combination with Geuder MACH2 Cutter

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## megaTRON<sup>®</sup> S4<sup>HPS</sup> – Focused on cost effectiveness

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- Internal compressor
- Low and controllable costs per case
- Full downward compatibility



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## megaTRON® S4<sup>HPS</sup> – Focused on flexibility

- Maximum modularization and upgradability
- Configurable accessories in all common sizes
- Text-to-speech in eight different languages
- Combination footswitch for endoTRON<sub>532</sub> and megaTRON S4<sup>HPS</sup>

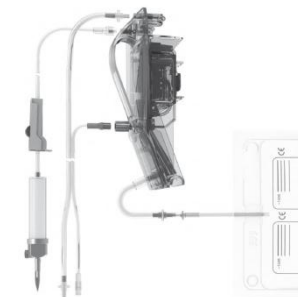


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## megaTRON® S4<sup>HPS</sup> – Accessories for the posterior segment

- Oil injection system
- MACH2 cutter with up to 12.000 cpm
- Air injection system
- Irrigation system (with IOD-control)
- Cassette for multiple patients





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## megaTRON S4<sup>HPS</sup> @ a glance...

- CE certified cassette for multiple patients
- One cassette for all indications
- High degree of modularity and upgradability
- Internal compressor
- Large portfolio of accessories
- Combined anterior- and posterior vitrectomy system...

