

Manufacturer of Ophthalmic Surgical  
Instruments and Systems

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To whom it may concern

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Your ref.

Date

Our ref.

Date

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## Certificate – Chromium plated

We hereby confirm that the majority (approximately 80 %) of the GEUDER reusable ophthalmic handheld instruments are chromium plated by use of chromium electroplating technique.

Our hard chrome layer has a typical thickness of approximately 0.2 µm.

Due to technical reasons chromium plating is not affected with:

- Titanium instruments
- Instruments with built in synthetic materials

The main advantages of chromium plated hand held instruments are the following:

- Improved corrosion protection
- Ease of cleaning procedures
- Additional increase of surface hardness
- Reduced friction due to smoother surface
- Maintaining perfect appearance and usability after several cleaning and sterilizing process
- improved liquid flow-off which facilitates the drying process of the instrument and prevent corrosion.

With kind regards,

**GEUDER AG**

Jens Widmann  
Director Quality Management and Regulatory Affairs