

# ELECTROPOLISHING

## CLEAN SURFACES

Electropolishing is an electrochemical stripping process for cleaning and polishing metallic components.

Electropolishing is used for decorative and technical reasons. In medical technology, the process is used for ultra-fine deburring and to reduce germ adhesion. In jewellery design, the process enjoys great popularity to increase the gloss level of the surface.



## ADVANTAGES

- Reduction of roughness Ra by up to 50%
- Rounding of edges and cut surfaces
- Improvement of corrosion resistance
- High gloss due to metallurgically clean surface
- Reduced germ adhesion

## APPLICATIONS

Electropolishing is applicable to stainless steels. Typical target markets are:

- Medical technology
- Biochemical engineering
- Food technology
- Watchmaking and jewellery design
- Mechanical engineering

Maximum component sizes: 1200 x 700 x 500 mm