

KKS units for electrolytic polishing and fine deburring



In the medical technology, smooth, deburred and corrosion resistant surfaces are a striking and convincing quality criteria. The key to success is a stable and reproducible electro-chemical process, which

polishes the surfaces of stainless steel metallically clean and shiny.

By using our KKS electropolishing technology with its possibility of a precise specification of all process parameters, material in micrometer range is removed from the surface of a workpiece. Higher removal of tips and edges causes a flattening of the microscopic roughness of the surfaces and a fine deburring of edges and corners. High-glossy, burr-free, metallically clean and smooth surfaces which are minimized in their extension, are the result.

Thanks to their specifically adjustable process control, KKS electropolishing units are your guarantee for reproducible surface qualities. In one single operation step, they generate and optimize a wide range of decorative and technical-functional properties.

Reverse cascade to increase the effectiveness of the rinsing process



Touch screen control panel

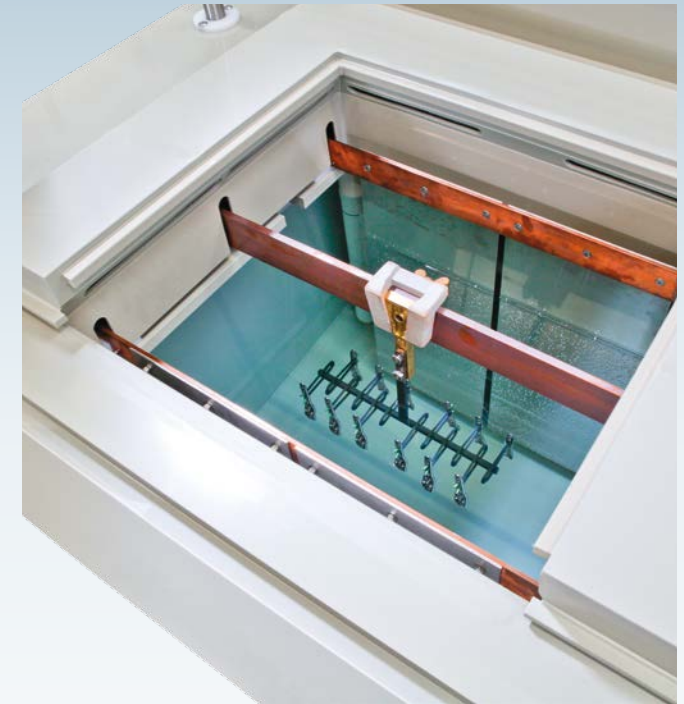


Bar code reader



KKS units for electrolytic polishing and fine deburring

Swiss Quality



Electropolishing tank with integrated exhausting

))) KKS (((

Technical data of the standard versions

Usable dimensions in mm	300 x 300 x 200	400 x 300 x 500	500 x 300 x 500
Rectifier	15V/300A	15V/600A	15V/600A

Optional accessories

- Bar code reader
- Pre-cleaning
- Final cleaning with drying
- DI water loop
- Rinsing water treatment
- Automatic lid for rinsing and electropolishing tanks
- PLC connection to a central computer
- FDA compatible PLC control with recording of process data
- Fully automated process

The systems are custom-made and adapted to individual needs



Touch Screen panel with overview of process tanks



Process management "constant current"



Process management "constant voltage"

Process sequence:

