

## KKS units for electrolytic polishing and fine deburring of bulk material

In the field of precision engineering, smooth, deburred and corrosion resistant surfaces are a striking and convincing quality criteria. The key to success is a stable and reproducible electrochemical 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.

Electrolytic polishing of small parts as bulk material in drums



Touch Screen panel with overview of process tanks



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#### Technical data of the standard versions

Usable dimensions in mm	375 × 295 (l × d)
Rectifier	15V/600A

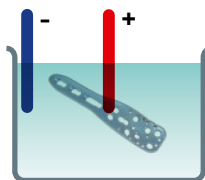
#### Optional accessories

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

#### Process sequence:

Elektropolishing



Power-Rinsing/ Flow-Rinsing/  
Rinsing



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