

KKS color anodizing systems - TioCol™

Perfect colors and a homogeneous appearance of color anodized implants are a striking and convincing quality criteria. The color anodizing systems TioCol™ are your guarantee for a reproducible and homogeneous coloring.

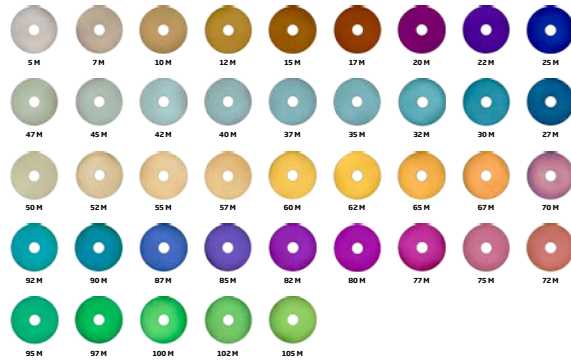
Advantages:

- Improved corrosion resistance
- Biocompatible surfaces due to a passivating oxide layer
- Application for color-coding
- Laser marking possible

Application areas:

- Dental implants
- Orthopedic implants
- Screws, plates, clamps
- Accessories

KKS TioCol™ colour range



Lockable ball valves allow to empty and safely dispose consumed pickling, power-rinsing and anodizing media into canisters.



Anode (copper bar) for receiving the racks.



Transparent hinged lids



KKS color anodizing systems - TioCol™ for small objects Swiss Quality



System with integrated PLC and touch screen panel.



Technical data of the standard versions

Type of plant	ANHx-10	ANHx-30	ANHx-40
Usable dimensions in mm (L x W x H)	150 x 150 x 150x	250 x 200 x 200	250 x 300 x 250
Setting range of the rectifier	120V / 10A	120V / 16A	150V / 25A
Operation of the rectifier „manual“ (M) / „programmable“ (P)	M / P	P	P

Optional accessories

Bar code reader

Pre-cleaning

Final cleaning with drying

DI water loop

PLC connection to a central computer

FDA compatible PLC with recording of process data (Process protocols)

Equipment Qualification DQ/IQ/OQ

The systems are custom-made and adapted to individual needs.



Depending on the customer's requirements, the systems are either equipped with an PLC and touch screen panel or with manual control elements.

Process sequence:

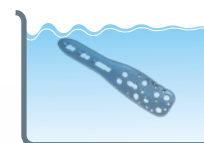
pickling



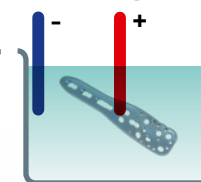
power-rinsing



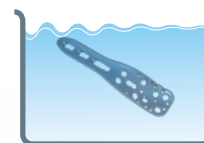
flow-rinsing



anodizing



flow-rinsing



Manually operated system

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