

# WIELAND Titan-Color

System for coloring  
(anodizing) parts made  
from Titanium and its  
alloys.

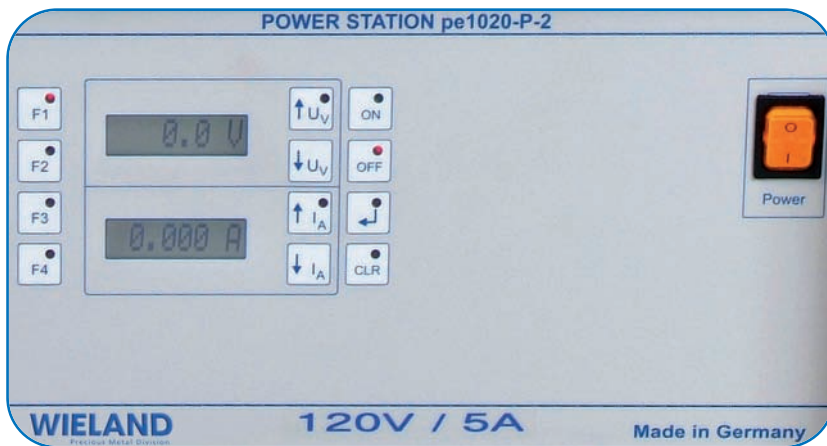


The WIELAND Titanium Coloring Electrolyte is used for the anodic oxidation of pure Titanium and several Titanium alloys after pre-treatment with the special WIELAND Titanium Pickling Solutions. For the artificially formed oxidation layer different colors can be achieved by variation of the voltage. The required system – rectifier and tank holder – is also available.



# WIELAND Titan-Color

The WIELAND Titan-Color has been developed for the color anodization of small parts made from Titanium and its alloys. By the process of anodic oxidation, uniform, firmly adhering layers of different colors can be achieved. The system is designed for the use of WIELAND Titanium Coloring Electrolyte (ref. no. 3030400102). The shade and intensity of the coloration is decisively dependent on the correct pre-treatment procedures. WIELAND recommends ultrasonic cleaning with PURO S (ref. no. 3020400103) followed by – depending on the alloy – WIELAND Titanium Pickling Solution (ref. no. 3030400202), WIELAND Titanium Pickling Solution "special" (ref. no. 3030400302), or WIELAND Electrolytic Titanium Pickling Solution (ref. no. 3030400402).



## Technical Data

### Equipment:

Rectifier (ref. no. 75-15-0011)  
 Tank holder incl. 5 litre tank (ref. no. 75-15-0012)  
 Tank holder incl. 15 litre tank (ref. no. 75-15-0013)

**Power supply:** 230 V~ / 50–60 Hz  
**Power consumption:** 600 VA

**Voltage-regulation:** 0–120 V infinitely variable

**Residual ripple:** < 1 %

**Max. output:** 0–5 A infinitely variable

**Timer range:** electronic timer clock adjustable

## Dimensions and weights:

**Rectifier:** 365 x 300 x 190 [mm] [WxDxH]  
**Weight:** approx. 11 kg

**Tank holder 5 litres** 430 x 260 x 280 [mm] [WxDxH]  
**5 litre tank** 300 x 180 x 180 [mm] [WxDxH]  
**Anode 15 litre tank** platinized Titanium anodes 250 x 120 mm  
 (2 pieces required, ref. no. 79-60-0019)  
**Weight:** approx. 6 kg

**Tank holder 15 litres** 450 x 260 x 360 [mm] [WxDxH]  
**15 litre tank** 340 x 240 x 270 [mm] [WxDxH]  
**Anode 15 litre tank** platinized Titanium anodes 270 x 200 mm  
 (2 pieces required, ref. no. 79-60-0020)  
**Weight:** approx. 9 kg



## WIELAND

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