

Zirkonzahn®

Human Zirconium Technology

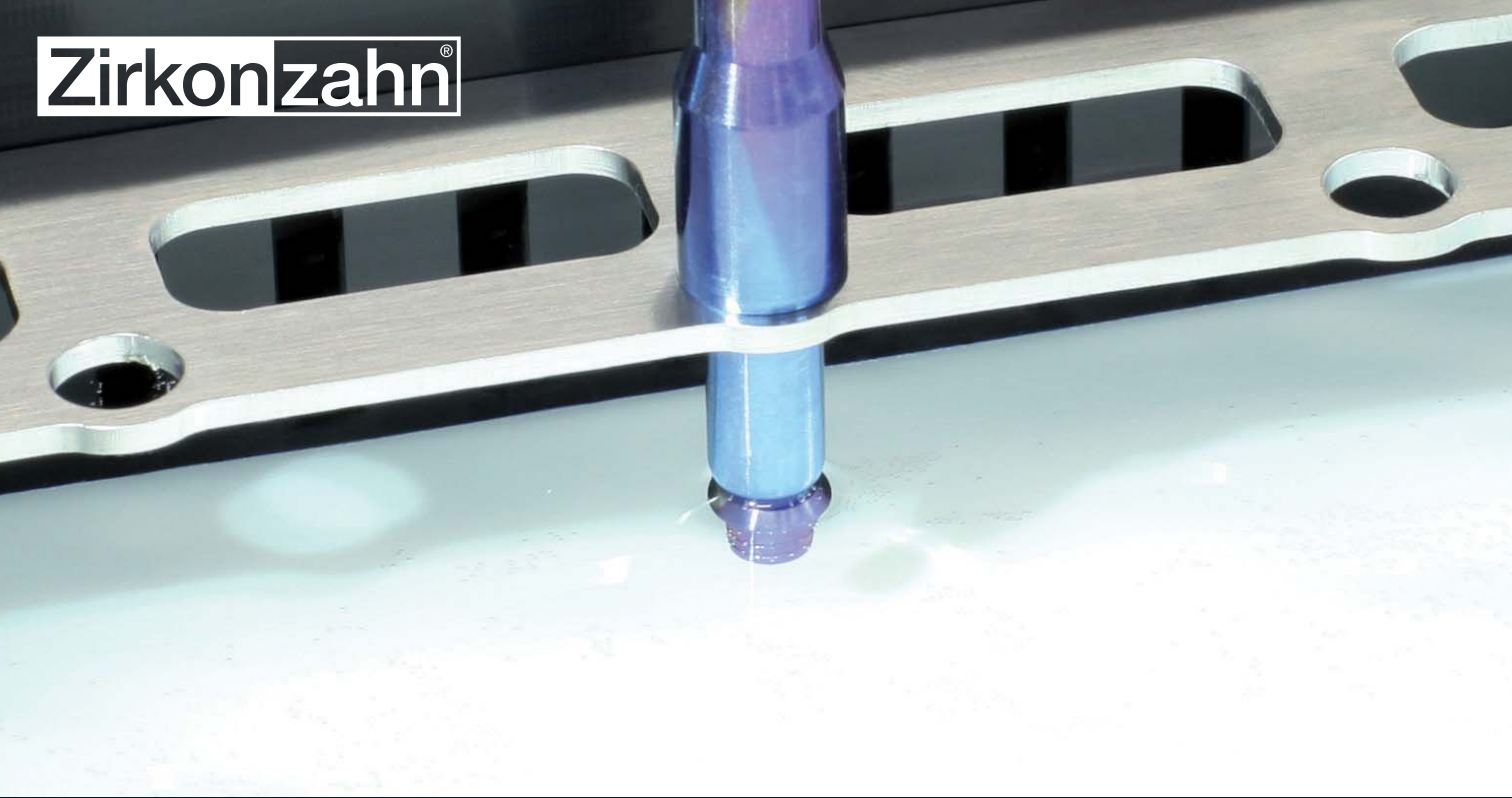
NEW



TITANIUM SPECTRAL-COLOURING ANODIZER

Coating of titanium constructions





Size (H x W x D) 55.3 x 41.2 x 43.8 cm

Weight approx. 50 kg

Housing Sicurit glass hardened UNI ISO 12150

Operating voltage 230 V (120 V)

Special features

- Simple handling and maintenance
- Multiple parts can be coloured within a few seconds
- Easy-to-clean, removable porcelain inserts
- Gold-plated cable connections
- Visual display of the processing status with multi-coloured LED illumination
- Even better bio-compatibility and osseointegration of titanium due to oxide layer
- Also suitable for colour codification of working materials, e.g. analogue and implant screws

*Lyndon F. Cooper DDS PhD – University of North Carolina
Georg Walcher – Zirkonzahn Education Center Brunico, South Tyrol*





TITANIUM SPECTRAL-COLOURING ANODIZER

Metallic primary constructions always slightly shine through zirconia bridges on titanium bars and individual zirconia abutments. This results to a high grey value of all works that is hard to minimise. Silver implant screws also cast a slight grey shadow onto the occlusal surface.

With the new Titanium Spectral-Colouring Anodizer, metal bases and screws can now be colourised in one's own laboratory in a multitude of colours, e.g. gold. This has the advantage that the metal bases shine through less due to the new colour.

The device is very easy to handle, which allows colourisation of multiple titanium elements without changing their bio-compatible properties and strengths. Scientific studies have even shown that the coloured oxide layer increases the bio-compatibility and osseointegration of titanium. In addition to the grey value reduction, the procedure can also be used for colour coding.

In this way, analogue screws can, for example, be marked with a certain colour and implant screws with a different colour. This has the advantage that screws can be separated from each other at first sight.



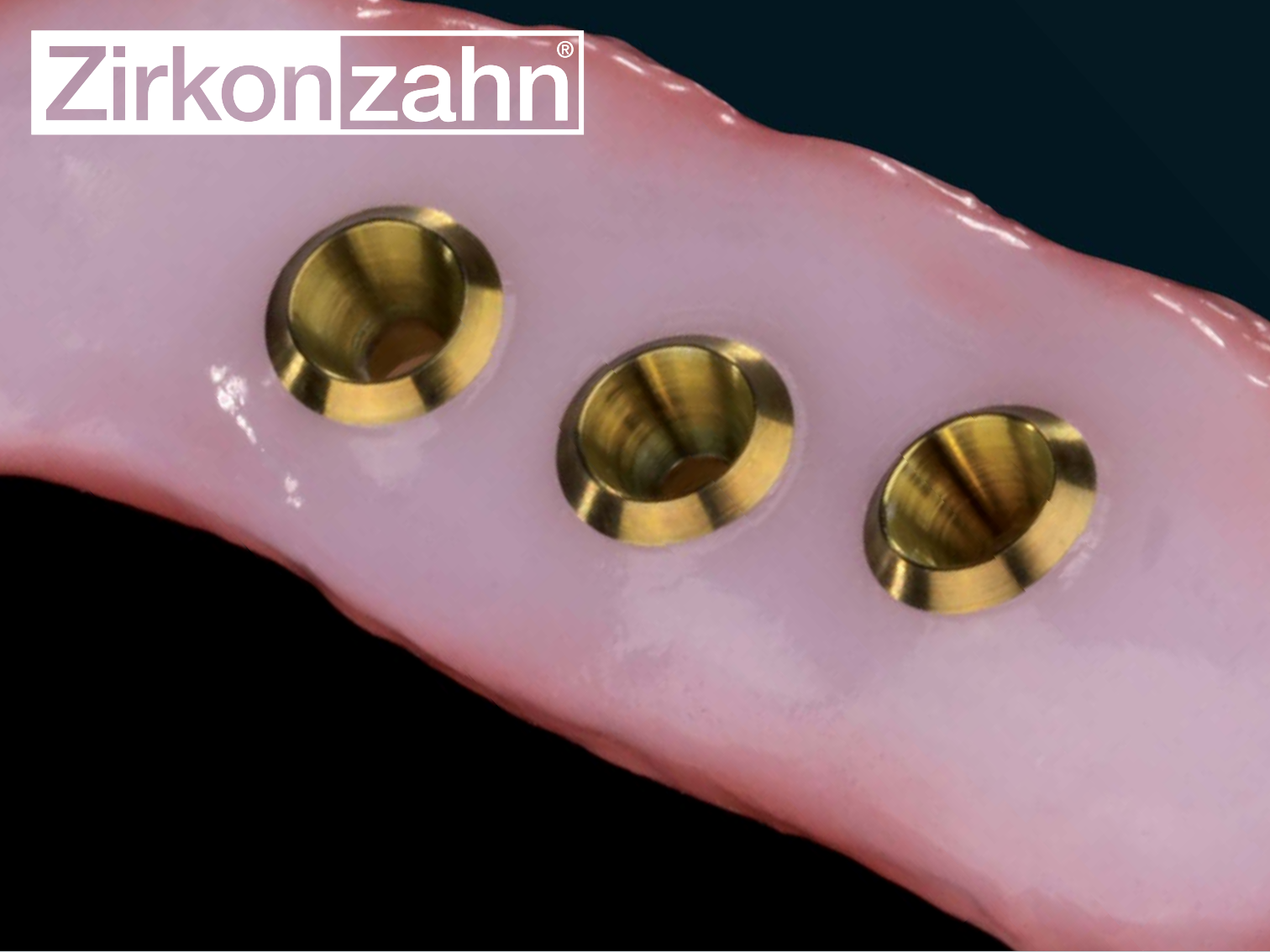
***For bio-compatible, coloured coating of titanium constructions aiming at grey scale value reduction
Various colours are possible***

Inspired by Luis Macieira, Zirkonzahn Portugal

Item number: SYAA0700



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ZIRKONZAHN Worldwide - Tel +39 0474 066 680 - info@zirkonzahn.com - www.zirkonzahn.com



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All information is subject to change. Errors and omissions excepted. Version: 17.04.2013