

# Zirkonzahn®

*Human Zirconium Technology*

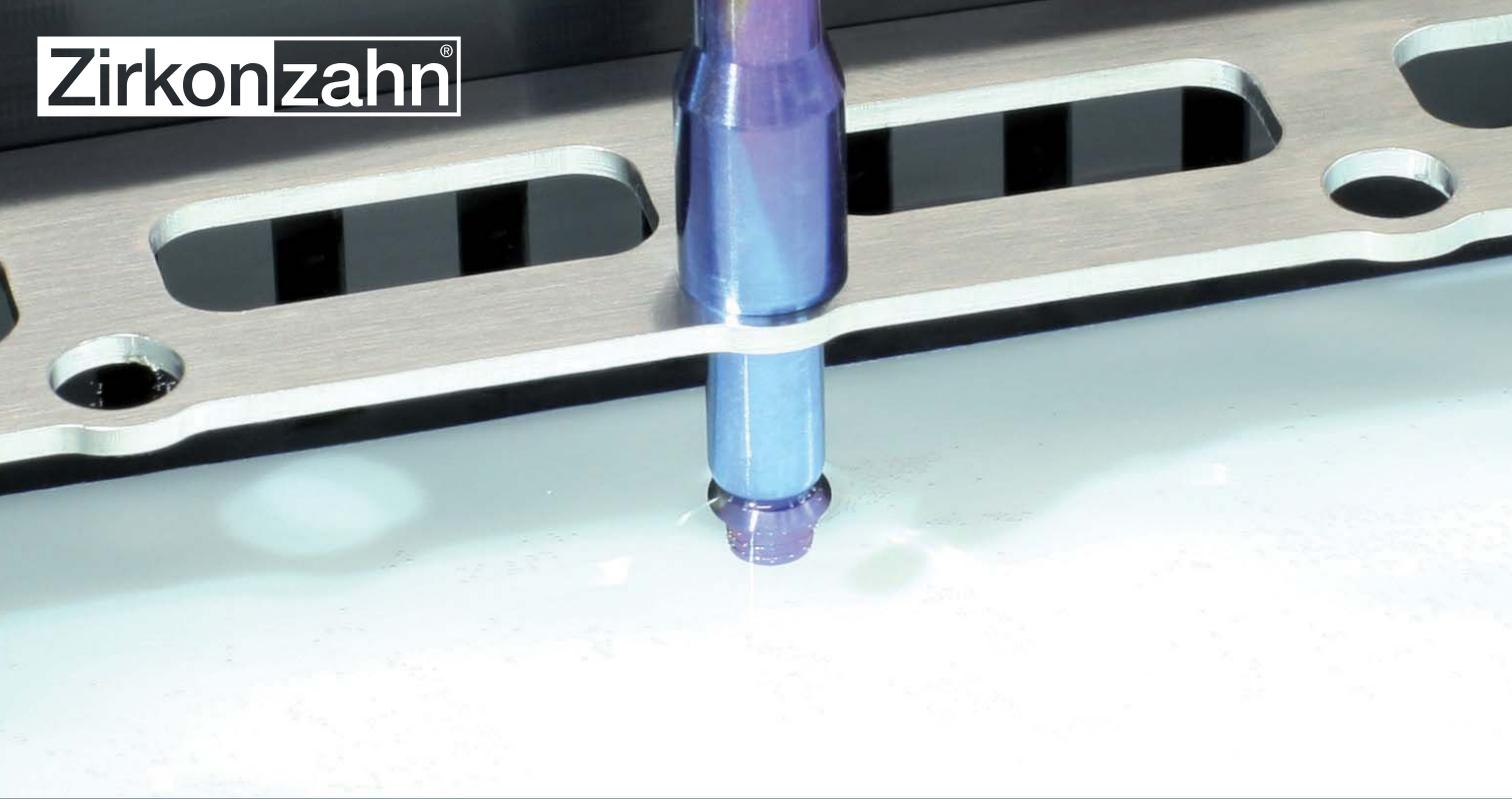
**NEW**



## 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.*



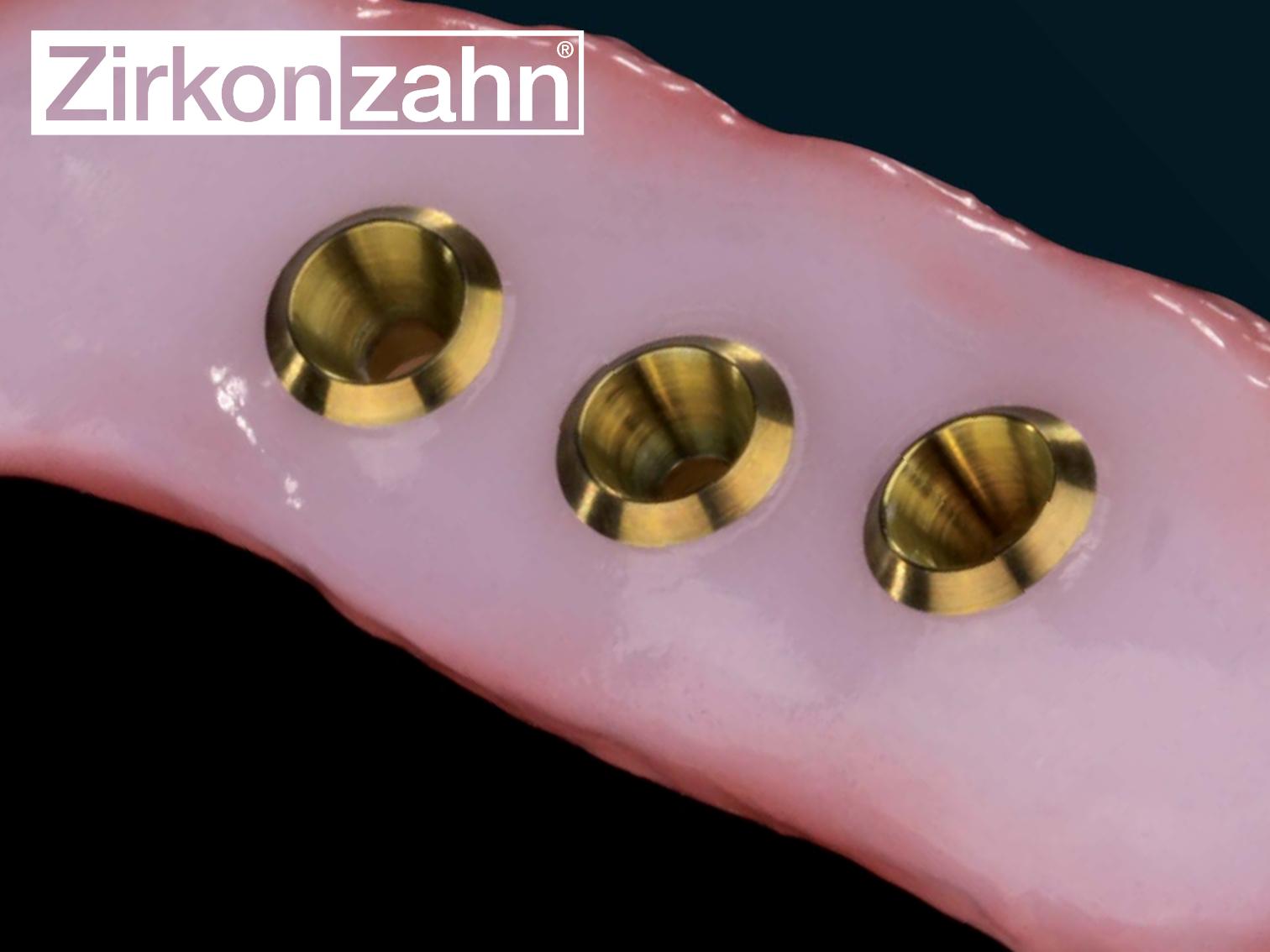
***For bio-compatible, coloured coating of titanium constructions aiming at grey scale value reduction  
Various colours are possible***

*Inspired by Luis Macieira, Zirkonzahn Portugal*

*Item number: SYAA0700*



# Zirkonzahn®



## HUMAN ZIRCONIUM TECHNOLOGY

ZIRKONZAHN Worldwide - Tel +39 0474 066 680 - [info@zirkonzahn.com](mailto:info@zirkonzahn.com) - [www.zirkonzahn.com](http://www.zirkonzahn.com)



WEAA5488=

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