

Laser welders for high-precision dental applications

Orotig laser welders deliver unparalleled precision suitable for both **production and repair of immediate-load dental prostheses, skeletal frameworks, and various restorations in titanium, cobalt-chromium, and advanced alloys.** A perfectly uniform melt pool, combined with a specialized Argon gas delivery system, **ensures clean, oxidation-free welds** that offer exceptional strength and precision.



ULTRA-PRECISE WELDS

Exceptional welding quality, even on the smallest components, delivering **flawless results on titanium, cobalt-chromium, and specialized alloys** — completely **free from oxidation.**



RELIABLE ASSEMBLIES

Optimal fusion creates **robust, seamless assemblies**, significantly **reducing the risk of fractures** and eliminating costly rework.



ENHANCED PRODUCTIVITY

Efficient welding processes expedite prosthesis fabrication and repair, **optimizing lab workflow while cutting operational costs.**

FOUR LASER WELDERS TAILORED FOR DENTAL LABORATORIES



MIDI TECH

Reliable and easy to use entry-level laser welder for small-scale operations and repairs.



EVO WHITE

Compact and versatile, perfect for dental labs with daily operations of up to 5–6 hours, suitable for both production and repair tasks.



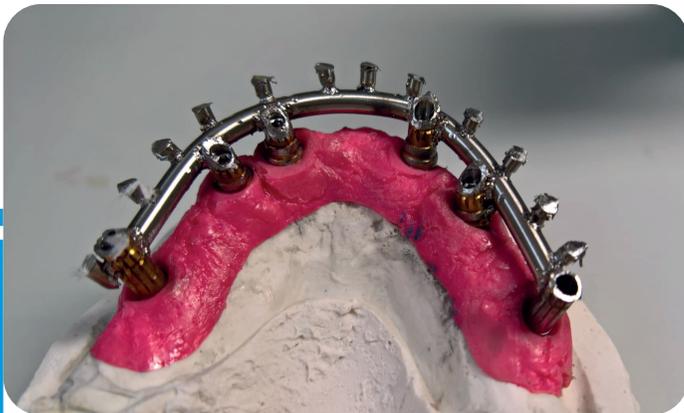
EVO X

Engineered for performance and reliability, with 9 kW peak power and spot size down to 0.1 mm for flawless, high-quality welds.

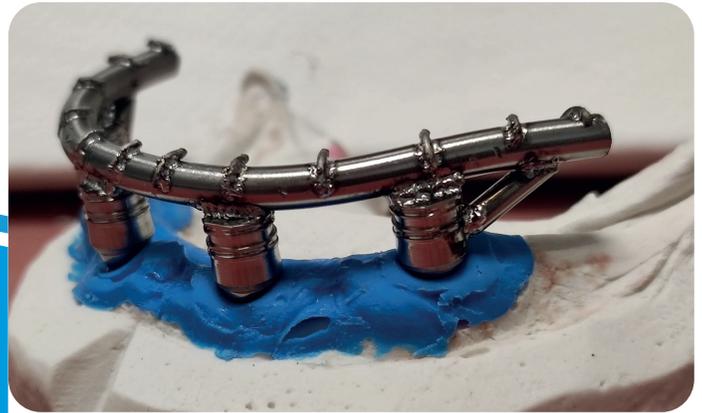


EVO X TECH

An enhanced evolution of the best-seller Evo X, featuring SoftSpot technology and an optimized duty cycle, it sets new standards for clean, consistent, high-precision welding.



Toronto Bridge with through-holes



Toronto Bridge with conometric retention

Laser welding for immediate-load prosthetics: where precision meets strength

Orotig laser welders enable ultra-strong, **high-precision assemblies between titanium abutments and bars** — a critical step in crafting immediate-load dental prostheses. Our advanced Argon gas delivery system makes **titanium welding straightforward and oxidation-free, ensuring biocompatible, flawless, and exceptionally durable results**. This technology is essential for producing prosthetic solutions with superior mechanical performance and long-term reliability.

Complete function and aesthetics in a single day

With Orotig welders, the full immediate-load protocol — from implant placement to the final prosthesis — can be completed within a single day. This fast-track workflow **eliminates the need for temporary restorations, shortens treatment times, and delivers a permanent solution that enhances patient satisfaction and lab efficiency**.

**Discover all
our machines,
stay connected!**



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sales@orotig.com

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