

Reliable Connections for Medical Systems



Biopharmaceutical Manufacturing,
Medical Devices and Health & Safety Devices





Oetiker Connections and Assembly Solutions for

Medical Systems

As medical applications become more complex, sterile tools and proper functioning medical devices can be lifesaving. Oetiker provides customers with the peace of mind that their mission-critical medical components are clean, safe to touch, easy to install and offer system integrity, ensuring consistent performance from manufacturer to patient.

As a global leader in high-value connecting solutions for industrial segments, our expertise in high-quality clamps, rings, and assembly tools supports customers in a variety of medical applications such as Biopharma Manufacturing, Medical Devices and Health & Safety Devices. We are the trusted, long-term partner for Medical companies worldwide.





MEDICAL CONNECTIONS



StepLess® Ear Clamps Dual Slide 167

Stainless steel
11.9 – 30.8 mm

DualSlide Technology: to mitigate friction during closing

Degreased: to reduce particulates

Double bagged: to reduce risk of contamination

Also available as Oetiker PureLine®



StepLess® Ear Clamps 167

Stainless steel
6.5 – 120.5 mm

Narrow band: concentrates transmission of clamping force

360° StepLess®: uniform compression and surface pressure



Multi Crimp Rings 150

Stainless steel (spiral welded)
5.0 – 50.0 mm

Full material cross-section over 360°: constant pressure applied uniformly around the circumference

Smooth: no abrasion or laceration risk



StepLess® Ear Clamps 193

Stainless steel
18.0 – 120.5 mm

Narrow band: concentrates transmission of clamping force

360° StepLess®: uniform compression and surface pressure



Clamps ER 194

Stainless steel
4.8 – 25.0 mm

Compact: lightweight, miniature sizes

Low installed height: minimum space requirement

Solid closure: fast and simple installation, safe connection for low pressure applications



1-Ear Clamps 153

Stainless steel
3.3 – 30.7 mm

Compact one-piece clamp: for robust, secure connections, miniature sizes

Clamp ear: fast and simple installation



1-Ear Clamps with insert 154

Stainless steel
2.9 – 30.0 mm

Compact one-piece clamp: for robust, secure connections, miniature sizes

Clamp ear: fast and simple installation

Pre-shaped insert: effective and powerful all-round seal

PRODUCT USE

Our products have shown through years of industry use that they can physically withstand standard sterilization processes (like autoclave, gamma, X-Ray).^{*} Relevant clamps are also available as part of Oetiker PureLine® series.



^{*}All customers are responsible for evaluating this fit for use for their applications.

Please **contact** an Oetiker representative for a complete range of product options.



OETIKER PURELINE®

Oetiker PureLine® Assembly Tools are specifically designed to be cleanroomsafe. Tools are paint-free to eliminate particulates and use medical grade lubricants to minimize the risk of contamination.

ASSEMBLY TOOLS



Electronically Controlled Pneumatic Pincers

For high-volume assembly of Ear Clamps and Low Profile Clamps.

Recommended for mission-critical Medical applications
Securing traceability and repeatability



Cordless Pincers and Cordless Crimpers

For Ear Clamps
Oetiker Cordless Pincer CP 10

For Multi Crimp Rings
Oetiker Cordless Crimper CC 20

Efficient, uniform and repeatable assembly
Lightweight and ergonomic design



Electronically Controlled Pneumatic Pincers – PureLine

Recommended for mission-critical Medical applications in a cleanroom.

Treated with special grease for aseptic processing, certified by NSF H1 leading to limitation of introduction of particulates

Securing traceability and repeatability

For your cleanroom environment



Hand Installation Tools

Manual Assembly Tools for installation of Oetiker products.

Quick and easy installation
Exponential gain of mechanical advantage
Secure grip and comfort
Reduced fatigue and risk of repetitive injury



Accessories | Cutters

Hand Clamp Cutters

Specially designed to remove Oetiker Ear Clamps up to 7.00 mm wide x 0.6 mm band thickness to 9.0 mm wide x 0.8 mm band thickness

Pro Spec Hand Tube Cutter

Replaceable V-Shaped Blade for straight cuts
Blade safely stores in jaws when locked
Ergonomic curved handles
Thumb actuated blade & handle lock



Test Equipment

High accuracy – especially suitable for mechanical tools.

Ensures uniform, reproducible process quality
Adjust and verify the applied closing force



Please [contact](#) an Oetiker representative for a complete range of product options.

360° Solution Approach

Driving innovation



Oetiker helps customers drive innovation through all phases of development by utilizing our 360° solution approach. Pioneering reliable fastening components for over 80 years, we design, test and deliver high quality connecting and assembly solutions that are simpler, smarter and stronger than ever before.