

# Swiss Tec AG: Micro-machining prime solutions

For all your medical micro-manufacturing needs in stents, needles, hypotubes and much more!

## Company

Swiss Tec is a Switzerland- and Austria-based manufacturer of modular and multiflexible high-precision, high-performance micro-machining equipment for the global market, used in medical-device manufacturing, e.g., cardiovascular stents, specialty needles / biopsy needles, or hypotubes / guidewires, bone plates, dental parts, etc. Swiss Tec has more than 10 years of know-how in high-precision systems.

## Application

The systems are designed for cutting, drilling and welding of intricate tubes (metal, OD: 0.2–30.0 mm, cutting length from 100 up to 800 mm) and plates 50 x 50 up to 200 x 600 mm in different materials (metal and non-metal).

## Product range

The “Multi Flexi Tube” platforms are designed for WET or/and DRY operation. The complete machine frame is designed with GRANITE for very high stiffness, temperature stability, etc. Our proprietary high-speed multilingual CNC software runs with state-of-the-art fiber laser technology, features an ultra-precise and high-performance linear-motor motion system with 0.1 micron (option 0.01 micron) resolution. These systems are very compact and user-friendly laser systems with dimensions of 0.8 x 0.8 up to 1.6 x 0.8 m. The platform is designed for 2 or 2 + 2 axis programming.

The “Multi Flexi 3D” platforms are also designed for WET or/and DRY operation, especially for very fine drill and precise holes in different applications (turbine plates, bone parts, injection nozzles, etc.).

## Innovation / Customer value

The “Multi Flexi Tube” platforms are the fastest (3,000 mm/min cutting speed = 50 mm/sec) and most accurate laser-cutting systems in their class on the world market. With a kerf width from 8 to 30 micron. We offer laser systems with FIBER or PICO technology with IR, GREEN and UV. Multicutting head operations are possible as option as well as customized platform configurations for a wide range of applications. Proof of principle and individual work samples are provided free of charge. Warranty 2,000 up to 10,000 working hours. Delivery time from 8 to 12 working weeks from order. Installation time max. ½ day. FDA compatible software for process controlling, tube feeder, real time kerf width or cut geometry controlling, etc. are possible as OPTION. BASIC system price starts from EUR 169,000.–.

## Headquarter and International Sales:

**Swiss Tec AG**  
Bahnhofstrasse 7  
FL-9494 Schaan  
Principality of Liechtenstein  
Phone +423 232 93 50  
Fax +423 232 93 39  
sales@swisstecag.com  
www.swisstecag.com

**USA: Swiss Tec**  
401 N Michigan Avenue  
Suite 3330  
Chicago, IL 60611-4212  
USA  
sales.usa@swisstecag.com

**UK: Swiss Tec (UK) Ltd.**  
Treetops House  
Gillots Lane  
Henley-on-Thames  
Oxfordshire, TG9 1PT, UK  
Phone +44 (0)1491 57 9118  
Fax +44 (0)1491 41 2211  
sales.uk@swisstecag.com

**China: Swiss Tec China**  
c/o Visaido Technology Co. Ltd  
Beiyuan Road 168  
100101 Beijing, China  
Phone 0086 10 51280984  
Fax 0086 10 58246001  
sales.china@swisstecag.com

