



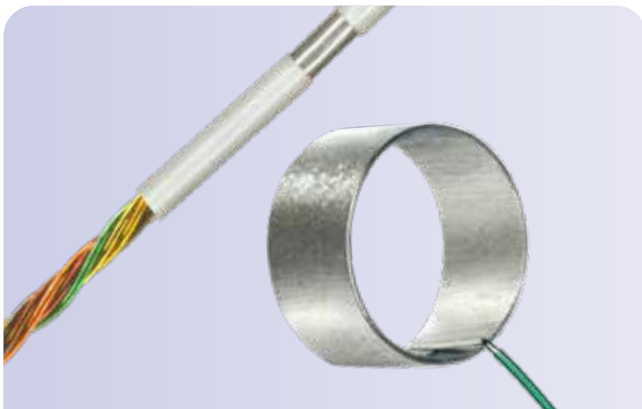
ENGINEERED MEDICAL
COMPONENTS



YOUR INNOVATION PARTNER FOR ENGINEERED MEDICAL COMPONENTS

AMETEK EMC are experts at collaborative engineering focused on customer manufacturing of cable assemblies, unique interconnect solutions as well as polymer and metal laser processed components for medical devices.





Avicenna

Avicenna was founded in 2000 with core competencies in laser ablating and automated processing of coated fine wire. Since its founding, Avicenna has leveraged these foundational competencies to develop best in class capabilities for laser welding fine wire to precious metal electrodes, laser machining polymer tube extrusions, fine wire cabling and shielding, and fine wire termination to PCB and flex circuits.

Capabilities include:

- Precision Laser Ablation of Coils
- Laser Marked Cables
- Precision Laser Ablated Lead Bodies
- Laser Etched Lead Bodies
- Laser Welded Electrode Assemblies
- Laser Drilled Tubes
- Micro Cabling
- Fine Wire Termination
- Precision Laser Ablation of Wire

E: Sales.avicenna@ametek.com

T: +1 320 269 5588

www.avicennatech.com



Laserage

Laserage is widely regarded as the medical industry-leading expert in laser contract manufacturing. Since 1979, we have been leading the way in the field of custom laser processing, providing medical device component fabrication with numerous laser manufacturing capabilities.

Capabilities: Laserage is a laser processing service provider with a focus on precision medical device components. Equipped with a fleet of over 45 laser systems utilizing over 65 lasers, and driven by a team of 130 committed employees.

- Precision tube cutting
- Laser welding assemblies
- Laser drilling fine holes
- Nitinol processing
- Metal finishing

Laser Swiss Machining: Available for laser cutting and CNC machining precision tube and rod components from 1 mm – 20 mm in diameter.

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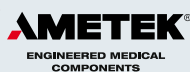
Technical Services for Electronics (TSE)

TSE Manufactures products on a global scale with sites in: The USA, China, Taiwan, and in 2017 the addition of Mexico. Each location is equipped with the capabilities to develop and manufacture the most complex products to meet the most demanding challenges.

Custom Interconnect Solutions: TSE has been designing custom interconnect solutions for 25+ years and is a market leader in custom medical connector design.

- Custom Medical Cables
- Catheter handle design
- Internal PCB Assemblies
- PWB design & build
- Silicone Molding
- Customer electrical connectors

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DENSYTY[®]

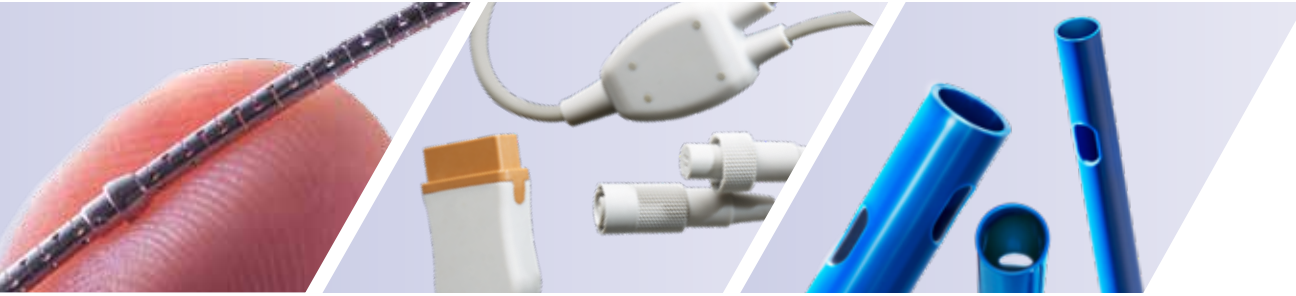
The DENSYTY[®]; Interconnect System uses proven card edge technology to maximize contact density, performance and usability.

The need for high contact density in a small form factor is increasing. New innovative medical devices that require high performance interconnects are being developed every day.

AMETEK Engineered Medical Components has developed high-density interconnect solutions that meet customers' needs and provide those customers with adaptability in an ever-changing market. DENSYTY[®] interconnect systems can be scaled or modified to fit the needs of many applications, and are tested to meet industry standards, providing confidence in the products connection.

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AMETEK EMC AT A GLANCE

AMETEK Engineered Medical Components (EMC) is a market leader in delivering optimal solutions for the medical device industry. Comprised of three businesses: Avicenna, Technical Services for Electronics, and Laserage, AMETEK EMC has served the medical device industry for more than 40 years.

Each business is a leader in its respective product category and is well established in delivering state-of-the-art technology solutions with our experience in: product design and development, precision engineering, pre-production to commercialized manufacturing, supply chain management, and quality assurance for cable assemblies and custom interconnects, laser processed polymers, catheter assemblies and sub-components, laser processed metals including NiTi and metal post processing.

AMETEK, Inc. is a leading global provider of industrial technology solutions serving a diverse set of attractive niche markets with annual sales over \$6.0 billion.



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