

TE Connectivity- Company Profile

EVERY CONNECTION COUNTS



A WORLD LEADER IN CONNECTIVITY

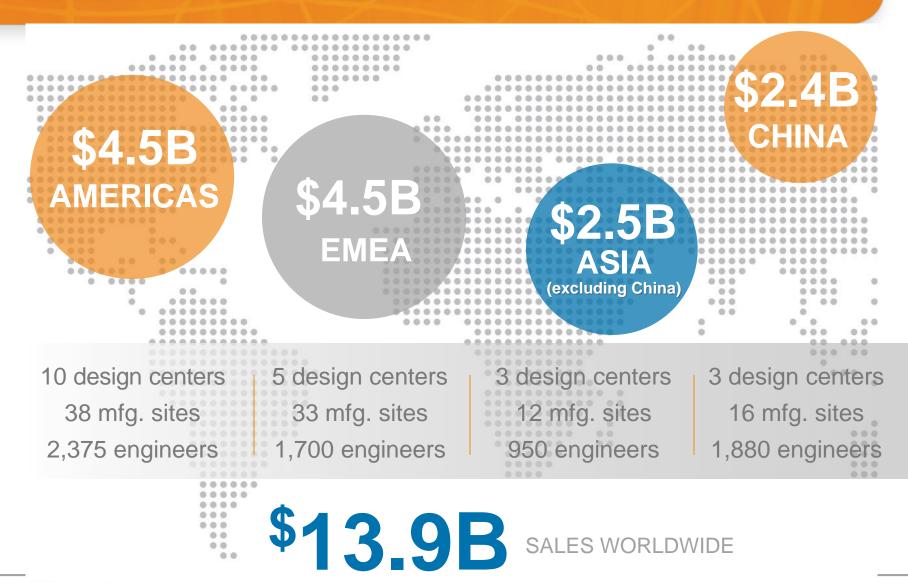
- \$13.9 billion global company
- Solving connectivity challenges with the broadest range of products
- Engineering driven, customer focused
- Leveraging technology innovations across industries

connectivit



GLOBAL SCALE AND STRENGTH

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TE Medical

EVERY CONNECTION COUNTS

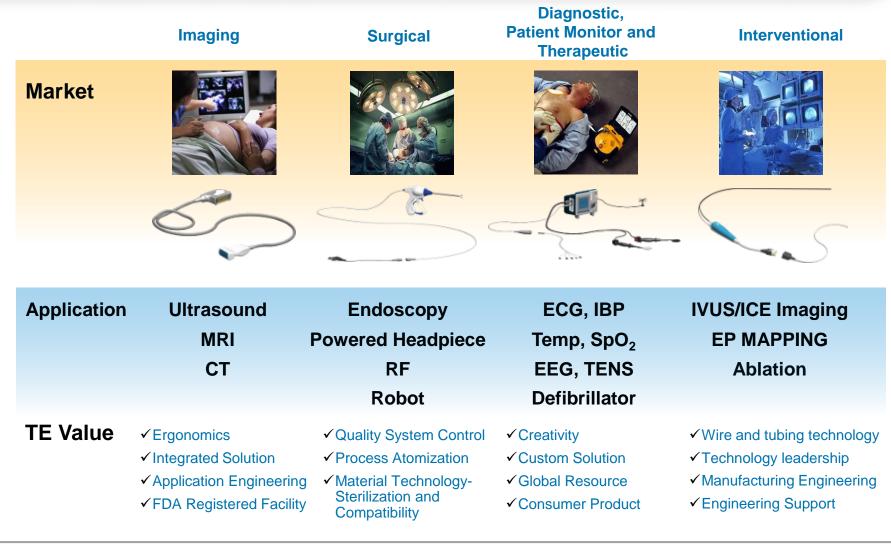


Medical Applications





TE Medical-Focus on Vertical Market





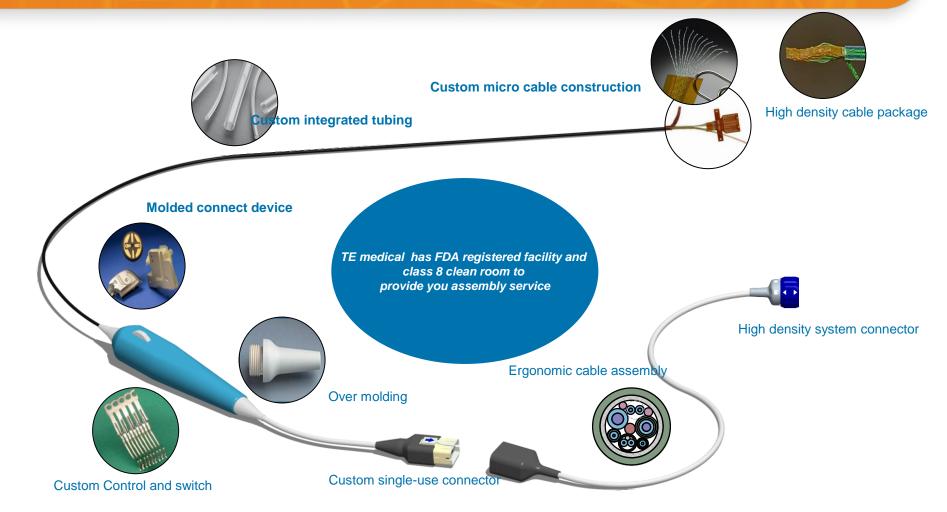
TE Medical Capabilities

Concept Confirmation Design **Our Mission: Production** To provide innovative "Concept to Production" Assembly solutions for the medical market **Test & Verification Supply and Partner**

Manufacturing



TE Medical—From Concept to Production





TE Medical-Core Capabilities

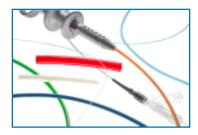
Core Capabilities



Wire & cable Solution



Custom Connector



Medical Tubing



Plastic Molding



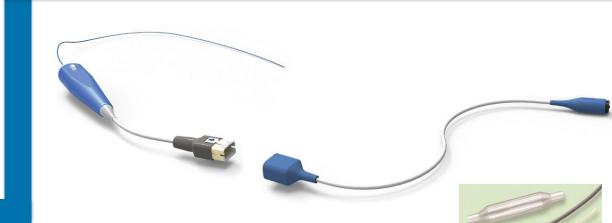
Precision Mechanical Stamping

TE Medical, with dozens of years' experience in developing state-of-art product,

technology and manufacturing process, providing high value added solutions for medical device market.



Interventional, AdvancedCath



- TE Medical builds advanced catheter and guidewire systems for medical device OEMs.
- Focus on the peripheral vascular, structural heart, electrophysiology, endovascular and neurovascular markets.
- End products include IVUS, ICE, Endoscopic Imaging, EP Mapping and



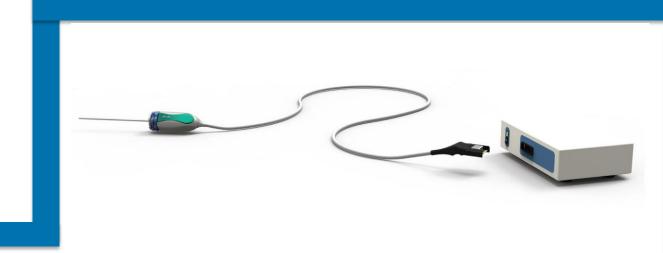




PARTNER WITH TE MEDICAL catheter assembly fine wire catheter assemblies high-density, microscopic electrical termination custom connectors molded/overmolded parts & assemblies braided/coiled shafts guidewire assembly medical balloons extrusion laser plastic ablation & machining laser welding & cutting medical-grade

heat-shrink tubing

Surgical



- Technology driven, reliable solutions built for high performance and reduced time to market
- TE Medical's integrated connector and cable solutions are designed to your specifications for your application's interconnect systems that withstand your sterilization requirements

PARTNER WITH

video endoscopy power handpieces rf ablation robotics handpiece and distal cable termination reusable surgical cable proximal connector



Single-Use, High-Volume Assemblies



- Optimized solutions for high-volume design and manufacturing
- TE Medical engineers work with you to design and optimize disposable cables and connectors to precision stamped and plated components and more. Our single-use products are high-performing, lightweight, and designed for ergonomics.



PARTNER WITH TE MEDICAL

control circuits disposable cable assemblies contract manufacturing value-added mechanical or electrical assemblies electronics ID & communication



Imaging



- Market-leading, integrated solutions

 portable, small, ergonomic, cart
 based or handheld
- TE Medical's innovative designs combine light, flexible cable with precision wire terminations and highly-reliable system ZIF connectors

PARTNER WITH TE MEDICAL

ultrasound:

- COMFORT+
- COMFORT EX
- zero insertion force (ZIF) connectors
 LIF connector
 digital ultrasound
 custom connector design
 custom PCB/PCBA
 full probe assembly



Diagnostic & Therapeutic





 Our expertise in cable, molding, and assembly allows us to design for biocompatibility, high voltage, and flexibility requirements

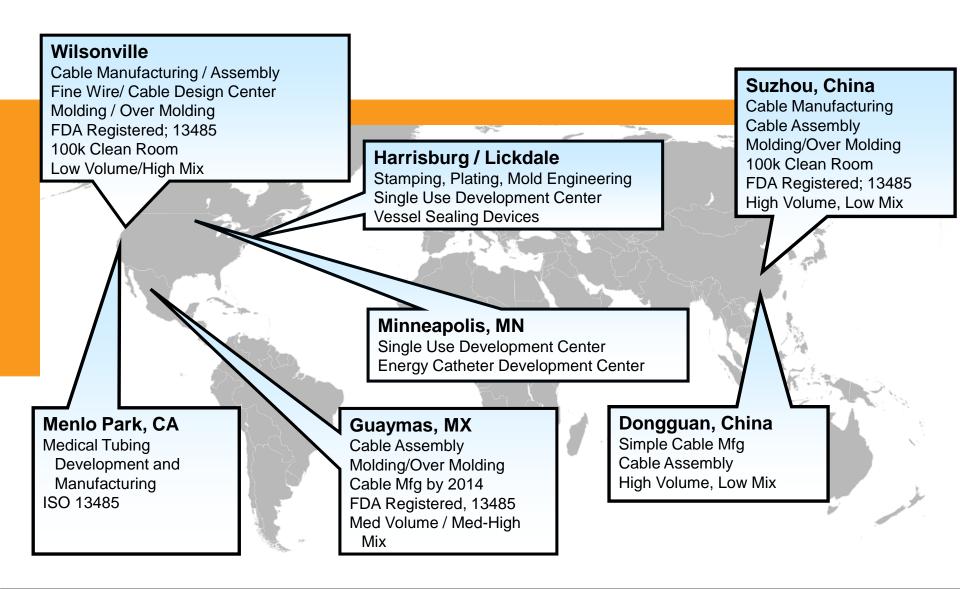


PARTNER WITH TE MEDICAL

- patient-end connectors patient lead wires cable yokes trunk cables system connectors high-energy therapeutic cable assembly
- handpieces
- electrodes
- cables
- connectors
-



TE Medical Global Engineering and Manufacturing Capability





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TE Medical – Suzhou Plant

- Development Engineering and Manufacturing Center for Asia Pacific
- Opened December 2013
- 7000 m² Manufacturing Space 1200 m²
- ISO Class 8 Clean Room
- 2000 m² Additional Expansion Area
- ISO 13485 certified; FDA registered
- Reliability testing and validation lab
- Production, Migration, New Product Development

Staffing:

- Current Manufacturing Employees: 204
- Planned Manufacturing Employees: 530
- Current Engineering Employees: 13
- Planned Engineering Employees: 17



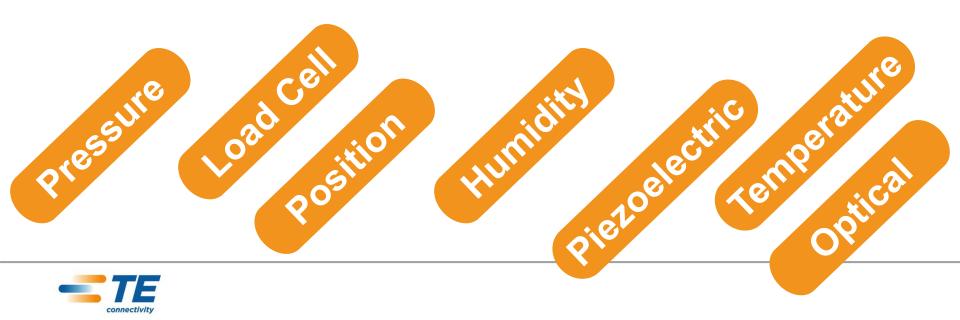


- Competitive pricing committed to solving for target
- Optimized value engineering solution
- Leading technology, product roadmaps
 Proven performance and providing total solutions
- □ Collaborative supply chain and solution provider □ Global resources, regional engineering and
 - local delivery support
- □ ISO13485 certified, FDA registered facilities □ Broad medical product portfolio and coverage





Sensor Solutions For Medical



Diversified & Integrated

Acquired brands are core to growth/technology expansion...







"One Company, One Brand, One Team"

Patient Monitoring

Application 1: Core body & skin temperature MEAS Product- NTC temperature sensor

Application 2: SPO2 monitoring MEAS Product- Optics sensor

Application 3: Disposable blood pressure MEAS product -1620 pressure sensor















Ventilators, Respirators

- Application 1:
- Measure airflow and ambient pressure
- MEAS Product silicon MEMS , 4525, 5525
- Application 2:
- Monitor flow and patient airway temperature
- MEAS Product Temperature sensors RTD Probe (P/N G-NIMO-002)
- Application 3:
- Humidity sensors to measure RH levels of supplied air/gas
- MEAS Product- Humidity sensors
- Application 6:
- Fall down alarm (Lifeline)
- MEAS Product :MS5611 barometric sensor







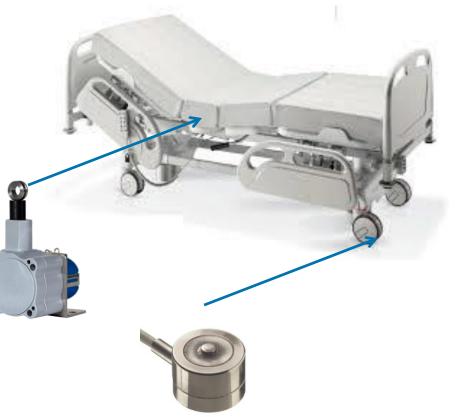


Hospital bed

- Application 1:
 - Weigh the patient while in the bed
 - Detect patient getting out of the bed
- MEAS Product Force Sensors

Application 2:

- Monitor position of the bed sections
- Motion feedback to the control system
- MEAS Product -- Cable Extension Position Sensors







Sleep Apnea treatment CPAP

Application#1

Sleep Apnea is medical condition that can be controlled using CPAP (Continuous Positive Airway Pressure)

MEAS Product

- typically utilize a low pressure Differential Sensor similar to 1210 Sub PSI 10in H20 and Barometric Pressure Sensor like a 4426-016A
- 4425 /5525
- Application#2
- MEAS Product- Humidifier
- Measure & Control temperature of humidified, treated air output of respiratory therapy machines.









Sleep monitoring

- Application 1:
- The sensor detects the movements caused by respiration & heart beats and turns them into useful sleep and wellness information and guidance.

MEAS Product – Piezo Value Added Assembly

 Application 2: The sensor is used for REM detection, respiration, and snore detection MEAS Product – Piezo

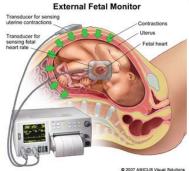






Sensor Solutions for Medical Applications-More.....

































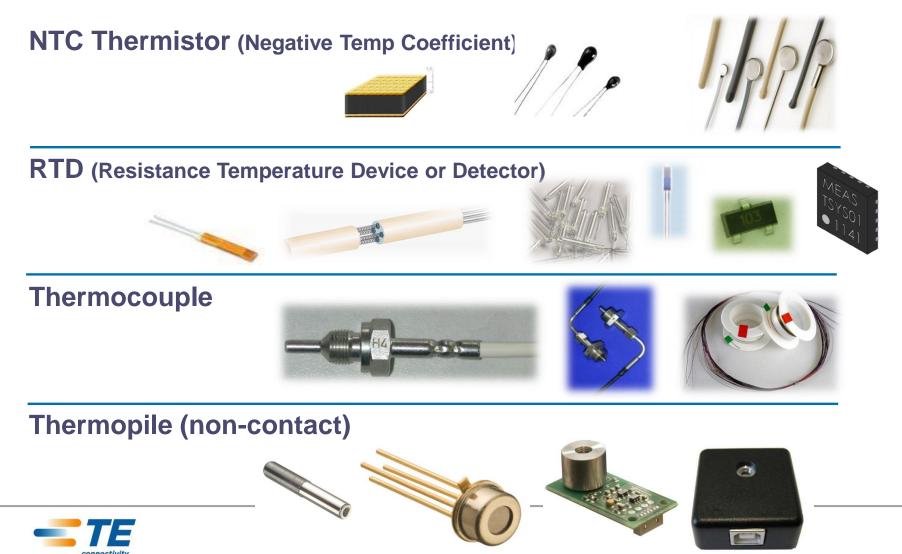








Technologies for Temperature Sensing





Technologies for Optical Sensing

