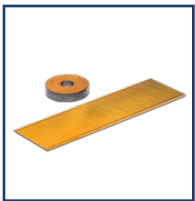




## CTS Medical Market Products and Applications

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CTS Corporation offers a variety of advanced materials and electronic components for the medical marketplace. CTS is experienced in applications such as CPAP machines, medical equipment control panels, mobility scooters, ultrasonic imaging, intra-vascular ultrasonic imaging and therapeutic ultrasound, CTS' components are trusted by leading OEMs around the world.



### Piezoelectric Ceramics and Components

Piezoelectric components are essential in medical devices, converting electrical signals into mechanical energy and vice versa. Used in ultrasound transducers, ultrasonic surgical tools, and drug delivery systems, they enable precise imaging, minimally invasive procedures, and accurate micro-dosing. Their reliable performance and energy efficiency make them critical for diagnostics, therapy, and implantable devices.



### Precision Temperature Sensors and Assemblies

Precision temperature sensors are critical to patient safety across a wide range of medical applications, including patient monitoring, surgical instruments, infusion pumps, and warming systems. They also enable accurate, repeatable results in analytical devices, MRI systems, and diagnostic equipment. CTS temperature sensors deliver the accuracy and reliability needed for safe operation and dependable outcomes in medical environments.



### Switches, Controls, and Position Sensors

These components enable intuitive, precise control in medical devices. Tactile switches provide serializable inputs for surgical and monitoring equipment, while encoders, joysticks, and position sensors guide robotic surgery and prosthetics. Potentiometers allow fine adjustments in ventilators and imaging systems, collectively enhancing human-machine interaction and improving patient outcomes across clinical environments.

## Medical Market Applications

Diagnostic Ultrasound Imaging Systems  
Intravascular Ultrasound (IVUS) Systems  
Infusion Pumps  
Dialysis Machines  
Surgical Tools  
Dental Scaling Instruments  
Patient Monitoring Systems  
Warming Blankets  
Thermal Management Devices  
MRI & Imaging Systems  
Ventilators  
In Vitro Diagnostic (IVD) Equipment  
Robotic Surgery Systems

Motorized Hospital Beds  
Drug Delivery Systems  
Micro-Dosing Devices  
Implantable Devices  
Wearable Health Monitors  
Prosthetic Limbs  
Therapeutic Ultrasound Equipment  
Lab-on-a-Chip & Point-of-Care Diagnostics  
Ophthalmic Surgery Devices  
Endoscopic Systems  
Capsule Endoscopy Devices  
Motorized Medical Vehicles  
Wheel Chairs



## Supporting Medical Advancements

CTS Corporation has been partnering with leading medical manufacturers and researchers for nearly 70 years. CTS supports finding the best minimally to non-invasive solutions to help propel medical technology.

We dedicate ourselves to advancing precision sensing, piezoelectric, and motion control technologies that empower safer diagnostics, smarter surgical tools, and better patient outcomes, driving the future of medical innovation forward.

## Contact Information

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