

**cannon**

Reliable connections  
for your most critical  
medical applications



**ITT**

ENGINEERED FOR LIFE

# Product Solutions for Connection Innovation and Excellence

Whether showing a cancer survivor a clean scan or giving new parents the first glimpse of their unborn child, ITT Cannon connects the world's most important information with those who need it.

Every piece of medical equipment you create makes a real difference in someone's life. The engineers at ITT Cannon know how critical your work is. Diagnostics, imaging and patient monitoring cannot fail, and equipment in these arenas must adhere to some of the world's strictest standards. Our engineers work hard to develop connector solutions that will work hard for you.

Drawing upon nearly 100 years of interconnect excellence and 45 years of global presence in the medical industry, ITT Cannon represents a committed partner to medical equipment manufacturers, bringing connection solutions to the market that are truly Engineered for Life.

## Superior Customer Experience

### **Our partners convey utmost satisfaction.**

ITT Cannon collaborates with medical equipment manufacturers at the earliest design stages to ensure proposals reflect the optimal formulations of patient comfort, superior performance and enhanced usability. With a best-in-class delivery track record that can eliminate downtime and scrap, plus worldwide customer logistic support locally, our relationship with customers remains strong long after they've experienced the quality of our products.

## Designed for Excellence

### **Upholding and surpassing industry standards.**

With a wide range of standard and value-added products as well as customized designs, ITT Cannon develops and manufactures our connectors to meet the most stringent and demanding performance specifications in the medical industry.

## ITT Cannon: Making History in the Medical Industry

Over the last 45 years, ITT Cannon has made the connections to establish itself as a leading partner in medical equipment excellence.

1970

### **The 1970s**

#### **Cannon DL Series**

Zero Insertion Force (ZIF) connectors are launched, filling the need for low-cost, high performance, multiple-wire power and signal connectors.

### **The 1990s**

#### **Cannon DLM (metal shell)**

This Expansion uses a rugged nickel-plated aluminum housing and facilitates compliance of equipment to CE EMC directives.

### **2003**

#### **Universal Contact**

A high hertz stress contact providing perfect electrical connectivity between two points.



### **2003**

#### **Cannon DLP line**

Reliable through 10,000 mating cycles and offers superior performance under harsh conditions.





ITT Cannon supplies millions of devices that help doctors determine everything from when to mend a fracture to how to remove a tumor.

Most of today's ultrasound imaging devices include ITT Cannon connectors.

### Durable, Reliable Products

#### Consistent and long-lasting performance that excels.

ITT Cannon's relationship with medical OEMs worldwide is based on our high-quality products. Our connectors remain in ultrasonic equipment that lasts 10 to 15 years, and many product series last between 10,000 and 20,000 mating cycles. With nearly a century of experience designing connectors for harsh environments, ITT Cannon understands the need for durability and consistency in critical applications like yours.

### A Global Company with Local Support

#### On-hand assistance from a worldwide manufacturer, any time.

A global presence in manufacturing, engineering and sales means ITT Cannon can support our partners at a moment's notice, regardless of their manufacturing location. ITT's vertical integration enables end-to-end assistance and advice through the entire product development and delivery cycle.

### Road Map for Future Innovation

#### Anticipating and meeting growing needs by talking to those who matter most.

ITT Cannon is constantly creating innovative ideas to improve clinical performance as well as customer satisfaction. Aiming to meet growing needs for connector technologies in everything from ultrasound imaging to handheld devices, ITT Cannon actively sponsors and participates in industry-related trade organizations and works closely with industry professionals, including nurses, doctors and technicians. This participation ensures that our connectors reflect optimal and intuitive designs developed for the always-changing needs of your industry.

### Green Solutions

#### Reducing our carbon footprint.

We strictly adhere to all international requirements for environmental impact, going above and beyond to ensure a manufacturing process that allows us to reduce our environmental influence without compromising our constant innovation in high-quality products.

2009

#### Miniature QLC Connector

Meets size, reliability and mating requirements for growing portable medical equipment market.

2010

#### Titanium Copper Universal Contact

Meets the market's new beryllium-free requirement.

2011

#### Universal Contact Z

A small form factor contact with RF configuration.

2013

#### Mobile Tech

Gets easier with the launch of a low-profile contact for compact mobile.

2009

#### Breakaway Pogo Connector

Pogo pin contacts and Pogo pin/pad technology to increase ease of cleanability, highly desirable in harsh environments.

2011

#### Dome Spring Contact

A simple design leaf contact for handheld devices.

2014 and Beyond

#### Continued Innovation

Development of a module block and more custom design solutions.

# Medical innovation that changes lives.

As the medical market changes, so do your needs. ITT Cannon continues to develop solutions for trends in your industry, adding unparalleled quality to evolving technology. Our connectors are in applications that change lives every day.



## Patient Monitoring

Modern monitor design is all about reducing size and weight without sacrificing precision. ITT Cannon delivers miniaturized interconnects that boost sensitivity and performance, and enable portability. We offer a wide range of standard and customized interconnects for handheld and wireless monitors.

### Product Solutions:

D-Subminiature, MDM, APD, Breakaway Pogo Pins, Micros, Trident, Universal Contact



## Diagnostic Equipment

Diagnostic imaging devices are designed to provide more accuracy and speed than ever before, and ITT Cannon has been supplying connectors for ultrasonic scanning equipment for 45 years. We provide a full range of products to meet the increasing needs of the diagnostic equipment market.

### Product Solutions:

DL, DLM, QLC, DLP, MKJ, Custom Interconnects, D-Subminiature, RF non-magnetic, Breakaway Pogo Pins



## Ultrasound

Advanced ultrasound technology changes rapidly. Reduction in size and advances in design have led to portable ultrasound machines. And we bring unparalleled expertise in traditional and portable ultrasonic equipment.

### Product Solutions:

DL, QLC, DLP, MDM, D-Subminiature



## Handheld Integration

One in four U.S. physicians uses mobile and web-based products for information at the point of care. Immediate accessibility of historical records increases productivity and improves care. We provide macro and micro interconnect solutions to support the connectivity and wireless requirements of these devices.

### Product Solutions:

Universal Contact, Custom Interconnects



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