



## Surgical instrument labels improve surgery management and patient safety



**MARKET:**  
Healthcare

**APPLICATION:**  
Surgical instrument  
labeling

**MODEL:**  
TTP-2410M

### Mission:

Modern surgery is often done in a hospital operating theater using surgical instruments, an operating table and other equipment. The environment and procedures used in surgery are governed by the principles of aseptic technique: the strict separation of "sterile" items from "unsterile" or "contaminated" items. All surgical instruments that have any metal-to-metal action, such as scissors, hemostats, needle holders and self-retaining retractors must be sterilized, and an instrument must be replaced or re-sterilized if it becomes contaminated.

### Surgical instrument tracking

The surgical instrument cycle includes procurement, assembly, packaging, sterilization, storage, distribution, use in the surgical suite and other clinical settings, and, finally, decontamination. Often, individual devices within a set become damaged and need to be repaired or replaced.

Unfortunately, many healthcare facilities have no way of tracking surgical instruments or checking how many times they have been used, often leading to the following issues:

- Labor expenses involving the search for missing equipment
- Time lost because of missing equipment
- Increased inventory costs to purchase or rent replacement equipment
- Staff frustration with operational inefficiencies

### Tracking instruments with barcode labels

Besides tracking instruments internally, hospitals should be tracking instruments that are in the repair cycle. By marking each instrument with a unique barcode label, its precise history can be determined and tracked from initial use through decontamination and then back on location on trays. This enables each tray and instrument to be tracked during each specific operation on each specific patient.

### Benefit:

Surgical instrument tracking procedures assure that specific day-to-day operational needs have been met. Tracking via barcode labels provides details of handling, decontamination, maintenance and reporting as well as data on how many instruments were available, how many were used, and how frequently they were used. Improved tracking also can result in better asset utilization and increased staff productivity.





MODEL:  
TTP-2410M



## Improved instrument tracking with TTP-2410M

TSC's TTP-2410M thermal label printer is ideal for surgical instrument tracking. Its barcode labels speed up the preparation of surgical instruments before an operation and improve surgical efficiency and accuracy. Because of its many high-performance features and its detailed and durable thermal-transfer labels, many medical facilities have adopted its use and have greatly simplified the management of their surgical-instrument inventory.

### TSC TTP-2410M Industrial Thermal-Transfer Barcode Printer Features:

TTP-2410M die-cast aluminum label printer is designed to meet the most demanding bar-coding and identification requirements, offering more standard features than any comparable printer - at a very affordable price.

The TTP-2410M boasts a print speed up to 12 ips – the fastest in the TSC product lineup – and the fastest throughput of any printer in its class. With its combination of speed and durability, the TTP-2410M is ideal for mission-critical printing applications – either on-demand or batch.

TTP-2410M standard features include internal Ethernet, USB 2.0 and PS/2 keyboard connectivity, 32 MB SDRAM, 8 MB Flash memory, and an SD memory-card slot for inexpensively adding up to 4 GB of additional Flash storage. The TTP-2410M supports up to a 600-meter-long ribbon, along with a full 8.2-inch OD media roll. An optional peel-off kit includes an internal rewinder and a label peel-and-present sensor. The unit comes with a 2-year limited warranty.