Medical Device
Labeling & Coding Solutions

GREYDON
LABELERS

TECHNOLOGY
Labeling Coding and Marking Specialists
powered by Pro Mach
In the highly regulated Medical Device industry, manufacturers need to comply with specific regulatory requirements in each market where the device is sold.

Advances in medical technology lead to innovative products and packaging; your labeling and coding needs to adapt to keep pace.

ID Technology and Greydon design, manufacture, and integrate custom identification systems for efficient, reliable labeling and coding performance. Our extensive line of labeling and coding products can meet all of your medical device packaging demands.

**UDI’s Impact on Manufacturers**

The FDA’s UDI rule requires manufacturers to label a medical device with a unique device identifier (UDI). Both the GS1/GTIN and HIBCC barcode standards meet the requirements of the FDA UDI final rule. Primary and secondary packaging must conform to UDI requirements to ensure tracking and traceability of the device throughout its life cycle.

Our [Guide to UDI Labeling and Marking Compliance](#) is a comprehensive guide on how manufacturers can meet the FDA requirements for UDI labeling and marking.
Permanent Direct Parts Marking
Macsa Laser Coders

Macsa lasers produce high-quality lot codes, sell-by dates and variable data directly onto metals such as stainless steel, platinum, titanium, anodized titanium, and chrome-plated steel. Mark many types of plastics, including polycarbonate, ABS, Delran, PEEK, HDPE, silicone, and others. No consumables are needed and the lasers require minimal maintenance.

- Apply permanent markings that withstand sterilization and repeated use.
- Mark the device on high-speed production lines.
- Meet UDI requirements using GS1 or HIBCC Datamatrix barcodes that hold large amounts of data in a small space.

ID Technology provides both CO2 and YAG lasers for direct part marking of medical implants.
Labels for Primary Packaging

Our durable Thermal Transfer label materials comply with the FDA’s UDI ruling and enable you to print high quality labels on demand.

- High resolution barcode, images, or text on durable labels.
- High contrast output for reliable scanning.
- Assorted materials to meet your specialized labeling challenges.

IDT’s six label converting facilities across the US and Canada offer nationwide coverage for complete label production, consistent quality, and continuous service during peak demands.

Thermal Transfer Printers

Print variable information such as date codes, lot numbers and UDI barcodes on demand.

- Achieve quality barcode, images, or text for durable product labels.
- High speed, high volume printing.
- Output language or international symbols from a database directly onto packaging for distributing to global markets.

Greydon’s Transversing Thermal Transfer Printer prints on both the top and bottom of packaging across the web on horizontal form, fill, and seal machines.

Print Variable Information on Flexible Packaging

Thermal Transfer Overprinters

Our range of Thermal Transfer Overprinters (TTO) add variable information to flexible packaging – date codes, lot numbers, price, barcodes, etc.

Each EasyPrint thermal transfer overprinter is capable of both intermittent and continuous printing, allowing for integration into both intermittent and continuous packaging lines. An integrated printhead heater allows for printing at low temperatures.

Thermal transfer overprinting results in a sharp, clear image without compromising production speed.

Compact 53c Thermal Transfer Overprinter
**Scalable Print Solutions**

**Flexographic Printing**

Print all required text, graphics and barcodes onto medical device packaging right at the time of packaging with our Flexographic printing systems.

- Reduce inventory of costly pre-printed materials.
- Available in one or two colors.
- Print in-line with the material feed or across the web.
- Print variable data, such as date or lot codes, or UDI barcodes, onto packaging by adding a Genesis, thermal transfer or inkjet printer.

**Print Directly onto Packaging**

**Genesis Digital Printing Systems**

Inline digital inkjet printing for medical device packaging offers high resolution, high-speed printing directly onto packaging substrates.

- Stable UV inks that cure immediately to eliminate smearing and distortion.
- Built-in controls and software provides flexibility for using a range of image file types.
- Print complete graphic and variable information, such as lot numbers, expiration dates, and all UDI requirements.
- Excelling print quality for printing on the entire package.

**Dependable, Non-Contact Codes**

**Continuous Inkjet**

Designed and built in the USA, our Citronix ciSeries CIJ printers are well known as being the easiest to use in the industry and for producing excellent print quality.

Add identifying marks such as date & lot codes, barcodes, traceability codes and logos to almost any kind of material or surface.
SECONDARY PACKAGING

Secondary packaging keeps the primary packaging safe and during transport. Cardboard boxes, cardboard cartons and plastic crates are common types of secondary packaging.

For Cases, Cartons, Shipping Containers

Label Printer Applicators

- Label one or multiple sides.
- Print and apply UDI compliance labels in real-time.
- Extensive range of applicator modules.
- Your choice of OEM print engine.

Our labeling systems can apply both leading and trailing edge corner-wrap labels, ensuring that labels can be seen on all four sides of the case. Labels can be applied to any face of the case as it goes through your process.

With more flexibility and higher throughput, GS1 or HIBCC barcode labeling can now be done on high speed production lines.

Our Wipe-On module uses Centerline Modularity™ technology that eliminates adjustments, requires no plant air and has no moving parts – keeping you up and running at a lower cost. Simply add the module on to your Model 252 for perfect GTIN and GS1-128 bar code labeling.

Our models for labeling shipping cases include the Model 255 Label Printer Applicator, which is designed to PackML standards and provides enhanced communications, using an Allen-Bradley PLC and a color touchscreen interface.

A fully integrated solution for system integrators or OEMs.
Personalize Cases with Barcodes & Text

High Resolution Inkjet

Replace preprinted cases and cartons with large character printing on demand. ProSeries inkjet printers produce high quality, high resolution text, barcodes and graphic images. Various printhead configurations, provide up to 4” high print at 300 dpi print resolution.

Laser Marking on Cartons

Combining a DataLase solution with our Macsa lasers gives you the option of marking directly onto cartons. The DataLase material is printed directly onto the carton during converting and produces a color change when activated with a low power CO2 laser.

Uniquely Designed for Pallets and Boxes

Model 252 3-Panel Label Printer Applicator

Print and apply multiple labels to pallets or boxes with one of ID Technology’s elegant and cost effective solutions.

- Apply labels to one, two or three sides of box or pallet.
- Works with irregular pallets and tolerances in material handling.
- Laser type sensor locates the position of the area to be labeled.
- Choice of proven OEM print engine from SATO, Zebra or Datamax.
- Built on the top selling 252 platform.

ID Technology’s 3-Panel Smart Tamp label printer applicator provides a rugged and flexible solution for printing and applying labels to multiple sides of pallets or boxes.
The Ossid Horizontal Form Fill Seal Packaging machines meet the demanding specialized needs of medical device packaging. The innovative design ensures reliable forming and sealing on packaging types, including flexible, rigid and semi-rigid, vacuum, and reclosable packaging.

Ossid manufactures high-speed tray packaging, weigh/price labeling equipment, and form fill seal packaging solutions for numerous markets, including medical device manufacturing.

Working with ID Technology and other Pro Mach companies offers direct access to the leading companies that serve the manufacturing industry. When your team is powered by Pro Mach, you can be sure that the experience, in-depth knowledge, commitment to precision and a high degree of expertise goes into every solution, individually or when Pro Mach companies join forces.
For customers using ID Technology labels with our labeling systems, we provide a lifetime equipment warranty free of charge. Just ask us for details!

Service & Support

We pride ourselves in providing responsive nationwide customer service and support from any of our 17 regional sales, service and stocking facilities.

ID Technology technicians are PMMI Certified Trainers to ensure the highest standards of quality training are being met and unparalleled value is being given to the customer.

Our field service personnel are factory trained to service and support our full range of labeling, coding and marking equipment.

In addition to the field service team, ID Technology employs factory trained bench service technicians to accommodate timely depot service.

ID Technology boasts six label converting plants across the US and Canada that produce top quality labels and tags with local support.

ID Technology is a member of Pro Mach’s Labeling & Coding Business Group, along with Grydon and EPI Labelers. Our customers depend on us to design, build and install the most effective labeling, coding and marking systems for their companies. Years of specialized experience combined with industry leading products for quality, efficiency and productivity have earned us the trust of customers across a wide range of industries.