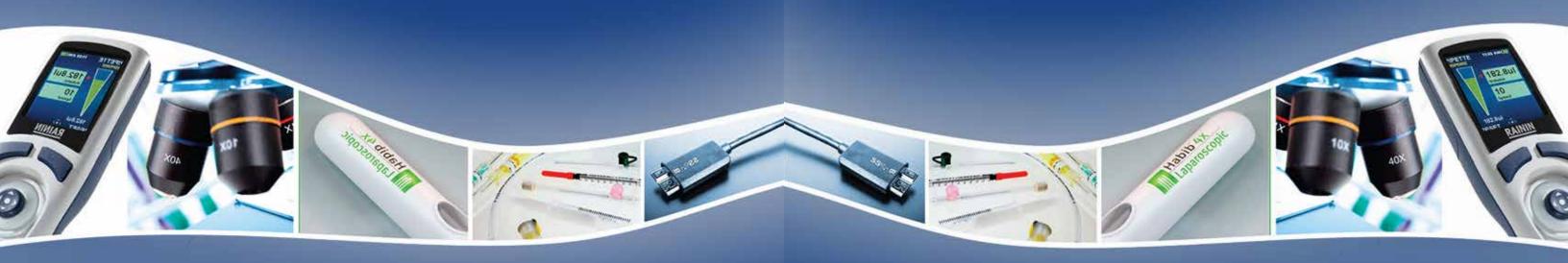
# TOUCHMARK

**Medical and Electronic Device Printing** 

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PAD PRINTING
SURFACE TREATMENT
LASER MARKING
SCREEN PRINTING
PLASMA SERVICES

ELECTRONIC MEDICAL PHARMACEUTICAL INDUSTRIAL

## **PRINTING AND MARKING**

**TouchMark** is the recognized expert in permanent ink adhesion on difficult to print substrates...

- Pad Printing
- Screen Printing
- Laser Marking





#### **PRINTING ON MEDICAL**

**GRADE PLASTICS:** TouchMark specializes in working with medical grade plastics. We work with design engineers from the prototype phase all the way through production to create a customized printing process for each device.

- > PEBAX
- **>** PEEK
- **>** PTFE
- Delrin Nitinol
- > FEP Silicone
- > Polystyrene



#### 360° ROTATIONAL PRINTING:

TouchMark's specialized machinery and equipment ensure precise 360° markings on cylindrical objects.

- Catheters
- Microcatheters
- Medical Tubing > Syringes
- Guidewires
- Trocars
- Cannulas

> Hypotubes



#### **ELECTRONIC DEVICES:**

TouchMark can print on electronic components of all shapes and sizes. Our specialty processes ensure permanent ink adhesion even in harsh environments.

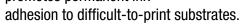
- Housings
- Connectors
- Wires
- > Kevboards
- Handles
- > Server Racks

# SURFACE TREATMENT **AND INKS**

**TouchMark** engineers work with you to optimize a printing process for your device...

### **SURFACE** PRETREATMENT:

TouchMark has developed a unique solution using plasma gasses that temporarily increases the surface energy of plastic substrates with low surface energy. This process promotes permanent ink



- > Customized process for low surface energy plastics
- > Permanent ink adhesion



**BIOCOMPATIBLE INKS:** TouchMark has over 20 years of experience in selecting the optimal ink for both medical and electronic applications

- > Class VI medical grade inks
- > Radiopaque inks
- Conductive inks

### **ANALYTICAL TESTING SERVICES:**

TouchMark offers a wide range of material characterization and analytical services to assist customers in



choosing the best pretreatment and print process for their device.

- > FTIR
- > Chemical composition
- Mechanical properties
- > Surface energy, contact Angle, dyne testing
- > Electrical conductivity

## **QUALITY**

**ASSURANCE:** We are committed to meet or exceed customer quality standards.

- > ISO 9001:2008 certified
- Meets FDA standards
- > Product traceability
- Whiteroom manufacturing environment

