

Combating Firearms Trafficking

Intentional Firearm Microstamping™

Local, National and International

A Vision of Firearms Safety

What is Intentional Firearm Microstamping (IFM)?

IFM™ technology creates alphanumeric and geometric code elements within firearms, that stamp a cartridge casing with a code when fired. The ejected cartridge will identify the firearm without having to recover the firearm.

These small code structures can withstand the mechanical forces and chemical environment that is generated during the ignition of the cartridge primer to the main discharge propelling the projectile out of the barrel.

TACLABS, Inc™ has developed the technology and process methodology, balancing process know-how, materials interaction and micro-structure geometry with life-cycle work hardening.

With 30+ years of development and life-cycle testing, the TACLABS™ IFM™ process is robust and durable.



Modernization



Community



Safety

Who We Are

TACLABS, Inc™ products are based on the idea and application of combinational innovation of laser, automation, and software to provide a law enforcement forensic opportunity to tackle the public health crisis that illegal firearm trafficking creates within our society.

Public Safety

Trust between law enforcement and communities has never been more important. By having available undeniable physical evidence at a crime investigation, officials will be able to accurately target criminal firearm trafficking networks and keep communities safer.

Technology

The codes placed intentionally onto a firearm's firing pin or breech are linked to the serial number of the gun at the manufacturers site. These codes are formed as micro embossing structures, which come into contact with the cartridge when it is ejected from its chamber.

IFM1000S & IFM2000B

Technologically focused, TACLABS IFM1000S and IFM2000B product lines offer a turnkey machine tool solution to firearm manufacturers to incorporate Microstamping technology within their firearms to assist law enforcement in their mission combating firearm trafficking.

With over 30+ years of manufacturing system design and development, the IFM™ product line is a hybrid of existing work-hardened techniques used to manufacture products such as inkjet nozzles, advanced drug delivery systems, and the latest semiconductors used in everyday personal electronics



Forensic Intelligence Applications

- Semiautomatic Handgun Firing Pins
- Semiautomatic Rifle Firing Pins
- Military & Government
 - Firearm Import and Export
 - Police Force

Features/ Benefits

- Customized Tooling and Pallet Loading
- Industrially Hardened NC Controller
- Simple to Use Operator HMI
 - Intuitive Operator Software
 - Inline QA/QC & Manufacturing Interface





Firearms Manufacturer Integration



The firearms industry is in a unique position to set a standard of collaboration between law enforcement and citizens. They become the tip of the sword when it comes to manufacturing firearms that can also protect the 99% of responsible gun owners. This is all possible through the application of Intentional Firearms Microstamping (IFM™). *

Preventing Firearms Trafficking

TACLABS, Inc aims to integrate IFM™ into the existing infrastructure of law enforcement across the U.S. Why not utilize best practices to target firearms trafficking and increase solve rates for criminal cases. It is within the best interest of both firearms manufacturers and law enforcement to protect responsible gun owners with the latest and most efficient ballistics forensic technology.

International Application

Not only can Intentional Firearm Microstamping (IFM™) produce a huge impact in the U.S, but the international applications are limitless. Our main objective is to integrate this technology into military and law enforcement, as well as to regulate small arms and light weapons (SALW) for military stockpiles around the world to prevent theft.

*TACLABS™ T1P99™ initiative is a logo used by firearms manufacturers to target firearms trafficking through the use of microstamping technology www.T1P99.org