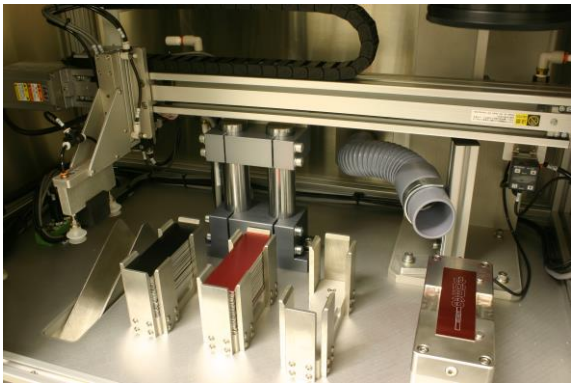
Automated Laser Nameplate Marking Cell

A safe, turnkey, ready-to-use laser marking platform for nameplates

With an optional factory ERP interface, the Cell provides a ready-to-use base platform for laser marking applications when variable data such as serial numbers, product specifications, marking recipes, and other pertinent marking variations are required. Multiple product Nests are integrated with a programmable multi-position pick and place for reliable handling. The cell includes a complete control system with a PLC for automation control plus PC display-keyboard-mouse cluster on an adjustable ergonomic arm for convenient interaction with the laser control.

Outfitted with swivel casters, leveling feet, filter-regulator, laser compliant guarding, E-Stops, door interlock, and custom nests for holding up to 75 Nameplates each, the complete system requires only power, and your custom laser templates/data to operate.

Marking Nest



Multiple Product Nests

External Removal

System Details

Basic Features:	• Integrated Base Frame, Safety Guarding, and Controls • Programmable Pick & Place w/ Multiple Product Nests • External Nameplate Collection Trough to remove parts without entering the Cell • 2" Duct Connection for Fume Extraction (Fume Extractor is optional) • Leveling Feet and Swivel Casters • ROHS Compliant Acrylic Nd:YAG/CO2 Laser Viewing Window

Control System:	• Integrated Master Power Switch • Incoming Power Circuit Breaker • A-B Micrologix 1100 PLC • ERP Integration Available • Lock-Out/Tag-Out Ready • NEMA 12 Control Enclosure • Color Touch Screen HMI • Safety Relays • Tamper Resistant Panel Fasteners	• Safety Stickers • E-Stop Button • Service Bypass Key Switch • Start/Stop/Reset Buttons • Alarm Tower • Detented Door Safety Interlock • Vacuum Pick-Up with Vacuum Sensor • Adjustable Monitor-Keyboard-Mouse Arm • Single Incoming Power Connection

Dimensions:	37" W x 24" D x 65" H (other sizes available)