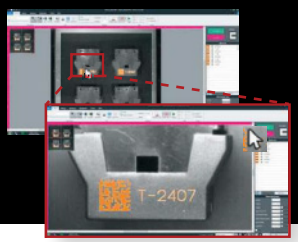
AIRSUPPLY TOOLS

ADVANCED TOOL MARKING

3 AXIS YVO_4 HYBRID FIBER LASER ETCHING SYSTEM

Including IP64 marking head with integrated camera and lights, autofocus, controller, and mobile transport case

PART #43188



TOUGH IN ANY ENVIRONMENT

The marking head meets IP64 environmental resistance specifications for dust and water ingress. This allows the laser to perform at a high level regardless of operating environment.

FULL-FIELD AUTO-FOCUS

The built-in distance sensor and camera track positional and focal deviation of the target. These features prevent printing defects due to changes in part position, which can be a problem when laser marking.

BUILT-IN CAMERA

Alignment is possible by imaging the actual target with the built-in camera. Positioning can be performed by dragging and dropping, eliminating the need for complicated coordinate adjustments.

ETCHABLE MATERIALS

RESIN: Epoxy Resin • ABS Resin • PBT • PA • PC (polycarbonate) • PE (polyethylene) • PP (polypropylene) • PET • PPSPS (polystyrene) • PI (polyimide)

METAL: SUS (stainless steel) • Fe (iron) • Al (aluminum) • Cu (copper) • NI (nickel) • AU (gold)

OTHER: Ceramic • Si (silicon) • Paper • Rubber

ENCLOSURE

PART #43188-ENCLOSURE

SPECIFICATIONS

- 13W 3 Axis YVO_4 Fiber hybrid Class 4 laser
- 1064 nm wavelength
- 125 x 125 x 42 mm marking area
- 1 to 125 mm character size
- 120V AC, IP64 marking head
- Standard MS font collection
- Camera in marking head for on-screen display
- Auto focus
- Lens protector
- Auto adjustment

OPTIONAL TRAVEL CASE

Provides squadron-level flexibility to add or modify custom engraving on tools

Faster, more efficient marking and engraving

Ensures TCM inspection compliance when individual tools are modified or replaced

Replaces less robust, visible, or inconsistent tool and tag marking methods

Robust travel case suitable for use during deployment when required

800 936-2053 sales@airsupplytools.com 5340 Eastgate Mall, San Diego CA 92121 airsupplytools.com