

# HM02P Ultraviolet Station Laser Engraving Machine

## Introduction

Ultraviolet (UV) laser have unique advantage on plastic and soft surface, in engraving arena, it always uses to engrave on the soft surface of the item. UV is a cold laser and it have the minimum of damage to the object surface. Running on frequency of laser on 30kHz to 100kHz and wavelength around 355 Nano meters. With it high frequency and low wavelength, will not cause too much heat being generated during the engraving process. Also, due to this advantages on soft surface engraving, you may have a very clear engraving result on the text or barcode to be use in the manufacturing work in progress tracking.

With the enhancement of the cooling system of HM02 series laser engraving machine, it makes sure the machine can be cool down with minimum air flow and allow it to continuous operate for 24/7 nonstop operating environment. 2W UV laser machine make the whole system running at minimum power consumption and deliver the direct marking effect wanted by the customer.



## Feature

- Ideal for the soft surface engraving
- Low power consumption
- Superior cooling system
- Emergency stop button for safety purpose.

## Specification

Model	HM02P
wavelength	355nm
Laser output power	≥2W
Pulse width	≤18ns
frequency of laser	30-100kHz
Standard marking area	110*110mm
Repeating precision	±0.005mm
Minimal linear Width	≤0.01mm
Marking speed	7000mm/s
Power supply	220V
Cooling system	Enhance Air cooling
UV Laser source	RFH
Bump	n LIGHT from USA
Q Switch, Q Driver	UK Gooch
Galvo	Sino-Galvo
Control card and software	Ezcad and Autotrack
Lens	Depend on wavelength