

## **SHARPENING/TOOLS VARIOUS - 3AU9910**

Model:

UV LASER MARKING MACHINE MOD. LUV3W

UV LASER MARKING MACHINE LUV3W

Laser output power  $\leq 3W$

Laser wavelength 355nm

"Pulse width"  $\approx 20ns$

Laser output mode TEMOO

Beam quality  $M^2 \approx 1.2$

Beam Divergence Angle  $\approx 1.2mrad$

Spot diameter  $0.8 \pm 0.1mm$

Spot ovality  $\approx 90$

Laser q-switched frequency Laser frequency  $\approx 10-200KHz$

Pulse stability  $\approx 3$

Power stability  $\approx 5$

Beam pointing stability  $\approx 30$

Standard range of engraving 140mm 100-200mmOptional Dynamic galvanometer200/300mmOptional

Overall power 1600W

Minimum linewidth 0.01mm

REPETITION ACCURACY  $\pm 0.01mm$

Working Power supply AC220V/60Hz 5A

Working temperature and humidity 10-35°C  $\approx 80$

Sculpting speed 600-1000Character/s Flying Gear. Marking speed  $\approx 1000mm/s$

Dimensions (length, width and height) 860\*620\*1400MM 100KG

"Dimensions of wooden cases

(length, width and height)" 1000\*800\*1150MM 150KG

Cooling system Water-cooled 5200 thermostatic tank, temperature difference 1 degree

Application Industry Marking of high precision products such as plastic transparent keys, IC chips, digital products components, jewelry, sanitary ware, measuring tools and cutting tools, watch glasses, electric appliances, electronic components, mobile phone communication components, plastic products, glass products, medical equipment, building materials and pipes.

Applicable material "Metal and a variety of non-metallic materials: high hard alloy, oxide, glass, plastic, coating, ABS, epoxy, ink, engineering plastics, etc. ."