

3W 5WUV LASER MARKER

UV-3W 5W



SUMMARY INFORMATION

1. APPLICABLE TO A WIDE RANGE OF MATERIALS.
2. GOOD BEAM QUALITY, SMALL FOCUSED LASER SPOT, ENABLING SUPER-FINE MARKING.
3. SMALL HEAT-AFFECTED ZONE, AVOIDING DAMAGING THE MATERIAL; HIGH YIELD RATE.
4. HIGH MARKING SPEED, HIGH EFFICIENCY AND HIGH PRECISION.
5. NO CONSUMABLES ARE REQUIRED, THEREBY REDUCING COST AND MAINTENANCE EXPENSES.
6. OVERALL PERFORMANCE IS STABLE, SUITABLE FOR CONTINUOUS LONG-TIME OPERATION.
7. ROTARY WORKTABLE IS USED FOR MARKING.

APPLICATION

1. MARKING OF ELECTRONIC PRODUCTS' LOGO, MODEL, PLACE OF ORIGIN AND SO ON.
2. MARKING OF FOOD, PVC PIPE, MEDICINE PACKAGING MATERIAL (HDPE, PO, PP AND SO ON); MICRO-HOLE DRILLING, DIAMETER D≤10MM.
3. PCB MARKING AND CUTTING.
4. REMOVAL OF METAL OR NON-METALLIC COATINGS.
5. SILICON WAFER MICRO-HOLE AND BLIND HOLE PROCESSING.
6. MARKING OF LOW-VOLTAGE APPARATUS AND REFRACTORY MATERIALS.

PRODUCT CONFIGURATION

Laser source	GAIN LASER SOURCE
Field Lens	Wavelength Lens
Galvanometer Head	Sino-Galvo Head
Power Supply	Taiwan Meanwell
Main Board	Genuine BJJCZ Main Board
Control Software	EZCAD
CABINET	MHX

SPECIFICATION

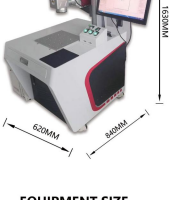
MACHINE MODEL	ZCUV-DTW-3W 5W
LASER WAVELENGTH	355NM
LASER POWER	3W/30KHZ 5W/40KHZ
REPETITION FREQUENCY	10-200KHZ
MARKING RANGE	100MM*100MM
MARKING LINE WIDTH	≤0.01MM
MARKING DEPTH	≤0.01MM
MIN. CHARACTER	0.06MM
MARKING LINEAR SPEED	≤7000MM/S
REPEATABILITY	±0.003MM
POWER SUPPLY REQUIREMENT	220V/SINGLE-PHASE/50HZ/15A
TOTAL POWER	≤1KW
MAIN MACHINE SYSTEM DIMENSION	840X620X1630MM
COOLING SYSTEM DIMENSION	285X560X460MM

PRODUCT SIZE



COOLING SYSTEM DIMENSIONS

LENGTH: 285MM
WIDTH: 560MM
HEIGHT: 460MM



EQUIPMENT SIZE

LENGTH: 620MM
WIDTH: 840MM
HEIGHT: 1630MM

CONFIGURATION PRESENTATION



GAIN LASER SOURCE



FIELD LENS



EZCAD SOFTWARE



BJJCZ MAIN BOARD



SINO-GALVO

SAMPLES:

