

Infinity HT 2000 Series

HT2000 Diode Pumped Solid State Ultraviolet Laser Marker



Leader In Laser Solutions

Features:

Wavelength: 355 nm

Lifetime Usage & Minimal Maintenance

No User Adjustment Requested

Pump Diode Reliability > 10,000 MTBF

Excellent Performance for Surface and In-Glass Marking

Laser Applications for:

- Marking
- Cutting
- Trimming

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Technical Specifications

Diode Pumped Q-Switched Ultraviolet Laser	
Wavelength (nm)	355
Output Power (W)	1.5*
Q-Switch Pulse Repetition (KHz)	Single shot to 100
Pulse to Pulse Stability (%)	< 5
Input Power (kw)	1.3
*Output power available up to 10W	
HyScan 2000 - Scanhead System	
Laser Beam Delivery:	Gavonometer Scanhead System
F-Theta Lens Marking Area (mm)	110 x 110
Vision System	
Inspection Time:	0.2 sec per frame
Scanning Area (mm)	110 x 110
Camera:	CCD Up to 2 Mega Pixels
Front of View (mm)	10 to 3
Resolution	Up to 2 mm per pixel
Utilities and Environment	
Power Supply:	230 VAC, Single Phase, 13 Amp
Operating Conditions	
Environment:	Area Under Ambient temperature without condensation 22 to 28 degree celsius (Optimum) 10 to 30 degree celsius (Normal)
Humidity:	Up to 70% RH maximum (Optimum & Normal)
Storage Conditions	
Environment:	Area without Condensation
Temperature:	5 to 45 degree celsius
Humidity:	Up to 75% RH maximum



PC Controller

Type of Controller: Windows based PC Controller
 Marking Software: Hypermark, CAD Based, GUI marking software for creation and editing of marking layout.
 Text, Barcode, Data Matrix, polygon creation within few mouse clicks

Optional features includes:

- Windows True Font
- Font Editor
- PLT, AutoCAD format import
- RS - 232 Serial Comm.
- TCP/IP comm. Via Win Socket
- BMP / Tiff marking

Options:

- Integrated Vision Inspection System
- Automatic & Semi-Auto Handlers
- Data Matrix and Linear Barcode Verifier
- Dust Collector / Fume Extractor
- Red Targeting Laser
- Auto Power Calibration System
- Marking Software Customization

Hypertronics Pte Ltd



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Warranty: We warrant each laser system to be free of material and manufacturing defects for a period of 1 year after shipment based upon normal equipment use as specified by Hypertronics and its personnel.

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