

Infinity HT 1000 Series

HT1000 Diode-Pumped Solid State Nd:YAG Laser Marker



Leader In Laser Solutions

Features:

Wavelength: 1064 nm

Diode Life Span > 8000 hours

High Speed Marking

Maintenance Free

Compact Size & Small Footprint

Excellent Spot Size

Laser Applications for:	
<input checked="" type="checkbox"/>	Marking
<input checked="" type="checkbox"/>	Cutting
<input checked="" type="checkbox"/>	Trimming



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HT1000 Diode-Pumped Solid State Nd:YAG Laser Marker

Technical Specifications

Diode-Pumped Solid State Nd:YAG Laser	
Wavelength (nm)	1064
Output Power (W)	50 *
Q-Switch Pulse Repetition (KHz)	Up to 60
Pulse to Pulse Stability (%)	< 5
Input Power (KW)	2
* Other available option: 75W	
HyScan 200: Scanhead System	
Laser Beam Delivery:	Galvanometer Scanhead System
F-Theta Lens Marking Area (mm)	110 x 110 *
* Other available options: 60 x 60, 180 x 160, 250 x 250	
Utilities and Environment	
Power Supply:	230 VAC, Single Phase, 13 Amp
Operating Conditions	
Environment:	Area Under Ambient temperature without condensation
Temperature:	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
Dimension	
740 mm (Length) x 150 mm (width) x 201 mm (Height)	
Lens for Field Size (mm)	
60 x 60	100
110 x 110	180
160 x 160	300/311*
250 x 250	483



PC Controller

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

Optional features includes:

- Windows True Type Fonts
- Font Editor
- PLT AutoCAD format import
- RS - 232 Serial Comm.
- TCP / IP comm. Via Win Socket
- BMP / TIF 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

Warranty

Hypertronics warrants 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.

Legal Notices

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