

Infinity HT1000 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:

- ✓ Marking
- ✓ Cutting
- ✓ Trimming



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Infinity HT1000 Series

HT1000 Diode Pumped Solid State Nd: YAG Laser Marker

Technical Specifications

Diode Pumped Solid State Nd:YAG Laser	
Wavelength (nm)	1064
Output Power (W)	60 *
Q-Switch Pulse Repetition (kHz)	Up to 60
Pulse to Pulse Stability (%)	< 5
Input Power (kW)	2
* Optional at 20W, 80W	
HyScan 200: Scanhead System	
Laser Beam Delivery:	Galvanometer Scanhead System
F-Theta Lens Marking Area (mm)	110 x 110 *
* Optional at 60 x 60, 160 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)	Working Distance (mm)
60 x 60	100
110 x 110	180
160 x 160	300/311*
250 x 250	483

* Type S

Note: The table above indicates one selection only that must be fixed at time of purchase.



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



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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