Infinity HT4000™ Series

HT4000 End Pumped Solid State Nd : Gd VO4 Laser Marker

Leader In Laser Solutions

Features:

Wavelength: 1064 nm

High Speed Marking

Diode Life Span > 8000 hours

Integrated Air-Cooled System

High Power Intensity

Excellent Laser Mode & Small Spot Size: 30 um

Laser Applications for:
✓ Marking
✓ Cutting
✓ Trimming

HYLAX HYPERTRONICS

HYPERTRONICS PTE LTD

Infinity HT4000 Series

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HT4000 End Pumped Solid State Gd:V04 Laser Marker

Technical Specifications

End Pumped Solid State Gd:V04 Laser	
Wavelength (nm)	1064
Output Power (W)	8
Q-Switch Pulse Repetition(kHz)	Up to 60
Pulse to Pulse Stability (%)	< 5
Input Power (kw)	1

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	
588.5 mm (Length) x 150 mm (Width) x 164.8 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

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