Infinity HT6000 Series

HT6000 CO2 Laser Marker

Leader In Laser Solutions

Features:

Wavelength: 10.6 um

High Speed Marking

Small Footprint

Low Maintenance

Compact Size

Excellent Marking Quality & Reliability

Laser Applications for:
✓ Marking
✓ Cutting
✓ Trimming

HYLAX HYPERTRONICS

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Infinity HT6000 Series

HT6000 CO2 Laser Marker

Technical Specifications

CO2 Laser	
Wavelength (um)	10.6
Output Power (W)	10 *
Pulse Repetition (kHz)	5 to 20
Pulse to Pulse Stability (%)	< 5
Input Power (kw)	1
* Other output power available up to 100W	

HyScan 200: Scanhead System	
Laser Beam Delivery:	Galvanometer Scanhead System
F-Theta Lens Marking Area (mm)	50 x 50 *
* Optional at 35 x 35, 70 x 70, 110 x 110, 140 x 140	

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
664 mm (Length) x 130 mm (Width) x 150 mm (Height)

Lens for Field Size (mm)	Working Distance (mm)
35 x 35	141
50 x 50	65
70 x 70	127*/146
110 x 110	165
140 x 140	215/277*

* **Type D**

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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