

# Infinity HT2000 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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## Infinity HT2000 Series

HT2000 Diode Pumped Solid State Ultraviolet Laser Marker

### 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
*Other output power available up to 10W	
HyScan 200: Scanhead System	
Laser Beam Delivery:	Galvanometer Scanhead System
F-Theta Lens Marking Area (mm)	110 x 110
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
Dimension	
1065 mm (Length) x 203 mm (Width) x 250 mm (Height)	



#### 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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