

# Infinity HT 6000™ 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:	
<input checked="" type="checkbox"/>	Marking
<input checked="" type="checkbox"/>	Cutting
<input checked="" type="checkbox"/>	Trimming

**HYLLAX**  
HYPERTRONICS

1022 Tai Seng Avenue, #06-35/14, Tai Seng Industrial Estate, Singapore 534415

HYPERTRONICS PTE LTD T: (65) 62800055 F: (65) 62849910 E: mail@hyllax.com W: www.hyllax.com

Overseas Support Centres: India T: (91) 22 3947 1150, Malaysia T: (60) 4646 6118, Thailand T: (66) 2347 8643, China T: (86) 21 6873 9322

# Infinity HT 6000 Series

HT6000 CO2 Laser Marker

## Technical Specifications

<b>CO2 Laser</b>	
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	
<b>HyScan 200: Scanhead System</b>	
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	
<b>Utilities and Environment</b>	
Power Supply:	230 VAC, Single Phase, 13 Amp
<b>Operating Conditions</b>	
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)
<b>Storage Conditions</b>	
Environment:	Area without Condensation
Temperature:	5 to 45 degree celsius
Humidity:	Up to 75% RH maximum
<b>Lens for Field Size (mm)</b>	
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
- P.LT, 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**  
**HYLLAX**  
HYPERTRONICS

**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**  
Due to continuous improvements, all product information are subjected to change without notice. Hyllax logo are trademarks of Hypertronics Pte Ltd. All rights reserved.