NEXGEN





DATASHEET

SYSTEM	
Laser	1064 nm fiber laser
Mode of Operation	Pulsed / CW
Optical Max Average Power	30 W
Laser Power Adjustment	0%-100%
Laser Pulse Width	CW, 2, 4, 6, 9, 13, 20, 30, 45, 60, 80, 100, 150, 200, 250, 350, 500 ns
Pulse Repetition Rate	1 kHz – 4 MHz
Guided Laser	635 nm (visible red), max power 5 mW
Working Distance (laser window- marker bottom)	208 mm
Speed	0-5000 mm/s
Resolution	50 μm
Interface	USB
Laser Class	Class 4 IEC 60825-1:2014
ELECTRICAL	
Operating voltage	24 V DC
Maximum operating current	6 A
MECHANICAL	
Marker size (L x W x H)	314 mm x 312 mm x 116 mm
ENVIRONMENTAL	
Operating temperature	+10°C to +40°C
Cooling	Internal Fans
Humidity	Non-condensing
Storage temperature	-40°C to +80°C
MARKING PROPERTIES	
Height	0mm to 51 mm
Marking XY Focus	AutoFocus
Maximum job area	150 mm x 150 mm
	(at 0 mm height)
Resolution	
Focused Beam Spot	Typ 50 um
Scan Speed	0-sss mm/s











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OLD SPECS not included yet

Laser	Yterbium Fiber Laser
Emission Bandwidth	typ 10 nm

MARKING

ELECTRICAL

Interfaces	DC Connector
Communication port	USB 2.0
Rotary Interface	DIN
Interlock Interface	<mark>Round</mark>
Emergency Switch	<mark>Installed</mark>
Auxiliary Equipment	ST60-10P_240714









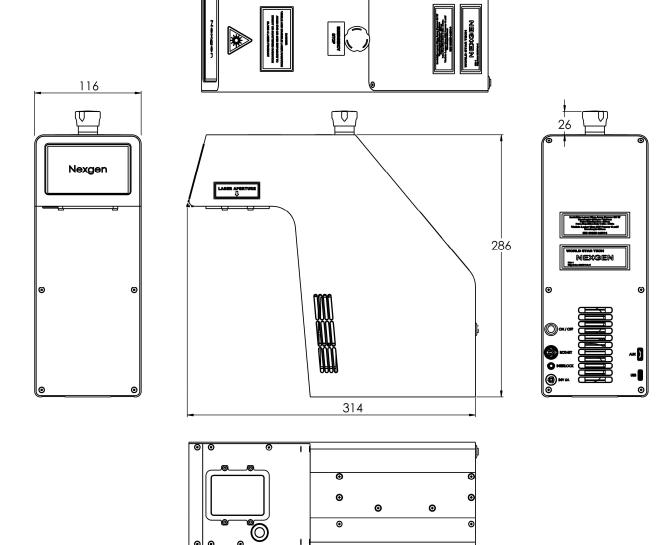






DATASHEET

OUTLINE DRAWING











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Old explanatory text

Features

Compact laser marker

Auto Focus

Limited Warranty

One year. No warranty coverage for disassembly, modifications, or damage due to abuse or misapplication.

APPLICATIONS

Marking

Engraving

Cutting

Operational Hazard of Laser Module

This laser module emits radiation that is visible/invisible and harmful to human eye. When in use, do not look directly into the laser emitting aperture. Direct viewing of laser diode emission at close range may cause eye damage.

Labels











