



Laser solution Green-series

DESCRIPTION

Laser markers « Green-Series » offer unique advantages:

- **Surface marking:** Limited heat transfer with minimal mechanical stress or distortion on the parts
- **High absorption rates** in materials that do not react well with typical IR wavelengths (1064nm)
- **Micro marking** as the beam spot is two times smaller than IR lasers



«COLD» MARKING



MICRO-MARKING



UNIQUE INTERACTION

ACCESSOIRES & OPTIONS



PROFINET
ETHERNET IP



MINI-IN-LINE
Protection pour marquage en Classe 1



VISION MANAGER



LASER WORKSTATION



FUME EXHAUST



F100 → 70x70mm
F160 → 110x110mm
F254 → 150x150mm

FOCALE

GREEN-SERIES: LASER DPSS (532 nm)

TECHNICAL SPECIFICATIONS		G5	G10
Power		5 W	10 W
Peak Power		70 kW	95 kW
Frequency		10 kHz - 100 kHz	
Operating temperature		15°- 40° C	
Storage temperature		5°C - 45° C	
Humidity level		10 - 85 %	
Rated voltage		100 - 240 V AC / 50 – 60 Hz	
Rated power consumption		500W	
MARKING SPECIFICATIONS			
Marking Speed		10 000 mm/s	
Beam diameter (F160)		20 µm	
Character Type	Font	Fonts optimized for traceability: +60 fonts (customised fonts on request)	
	Barcode	Code 39 / Code 128 / Code 93 / Code 11 / Codabar / 2 of 5 / EAN13 / EANB	
	2D code	DataMatrix ECC200 / QR code / Micro QR code / UID	
	Logo image	LO3 format using Logo editor Max from any format (BMP, DXF, EPS, IGES, JPEG, PNG, TIFF, etc.)	
INTERFACE SPECIFICATIONS			
HMI (Human Machine Interface)		Integrated Backlit screen with control panel for: REAL-TIME SUPERVISION, EASY DIAGNOSIS, SOFTWARE UPDATES, LOG FILES, MEMORY BACK-UP...	
Interfaces		Ethernet; Profinet; 8I / 8O; Dedicated I/O (SUB D37); RS232; USB (x3)	
Supported OS for LaserTrace Software		Windows XP, Windows Vista, Windows 7 & 8	
PHYSICAL SPECIFICATIONS			
Weigth		19.8 kg	
Mounting positions		All positions	
DIMPENSIONS			

