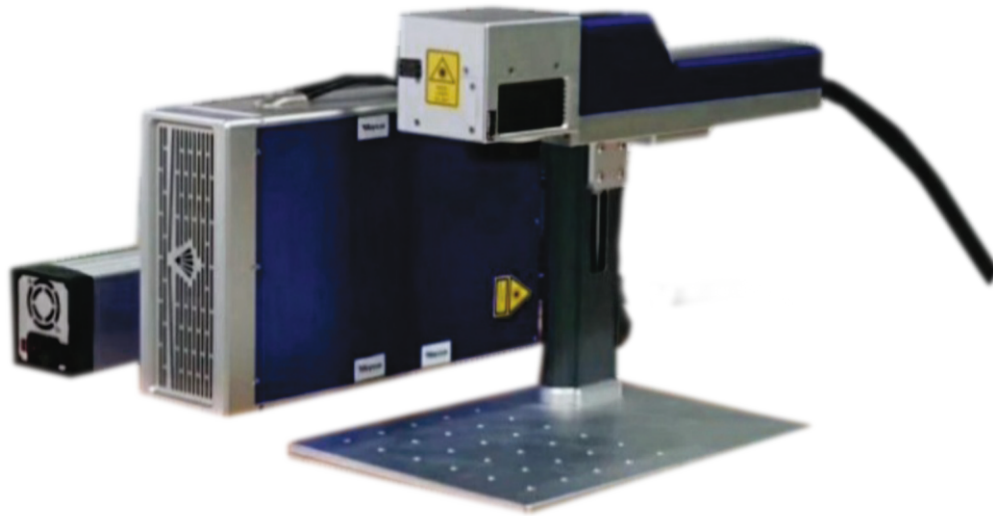


NEO INSTRUMENT CO.



SMART LASER

Smart laser is one Neo instrument co.s' highly sophisticated products with many advantages such as small volume light weight , highly integration , power function , energy saving and environmental protection and so on. with support from IPG Germany for Laser Source.

s appearance perfectly explains Neo instrument co. innovation-driven, concordance to win strategy; The same revolutionary significance to exploit high-speed and high-definition laser marking system to welcome the booming market

SMALLER THAN SMALLER

Small volume with much convenience in carriage and assembling .weight with just 8KG, and it could be more smaller and lighter in the near future. it's not about simply small in appearance but with big improvement in every aspect. Brilliant performance and excellent efficiency all make the smart laser more outstanding.

HIGHLY INTEGRATED

Compact structure with highly integration system , the smart laser shows its superiority with inside , PC system matching each other perfectly

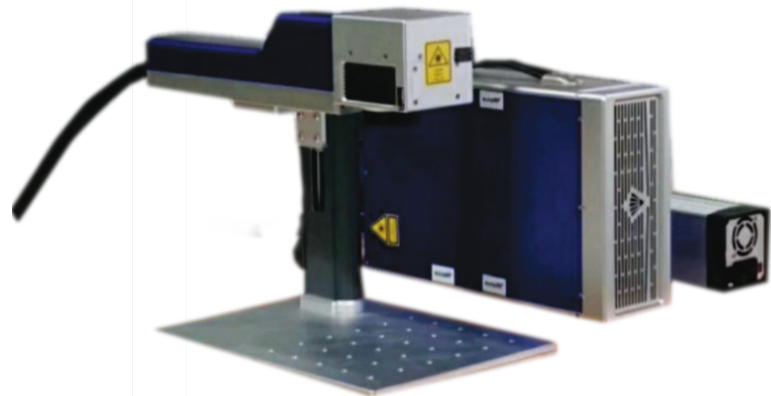
ENERGY EFFICIENCY AND ENVIRONMENTAL PROTECTION

Very low operating cost, maintenance-free, without ink all give the smart laser its way to energy saving; non-contact marking during operation, non-pollution, hazardous substances free all let the smart laser more environmental protection. in the meantime,the smart laser has highest wall-plug efficiencies among all the laser. it maximize the photovoltaic conversion and determined to implement the environmental protection

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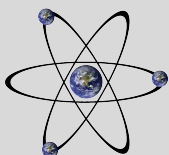
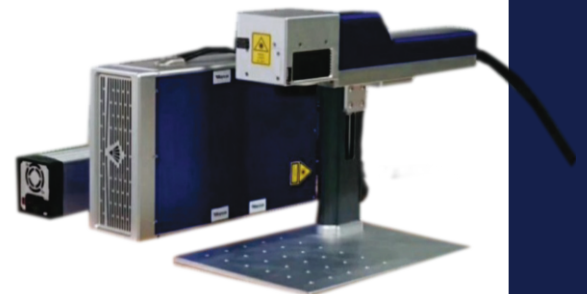
Applications :

Jewellery Hallmarking Centers, Jewellery Factories
 Hardware Tools, Electronics Components, Auto Parts
 Medical Equipment, Mobile & Accessories, Clock & Watches
 Planting Coating Material, Spray Material, Plastic, Rubber,
 Epoxy Resin Ceramic, Translucent Plastic Keys
 Electronic Components, Integrated Circuits (IC)
 Spectacles, Metal Industry



PARAMETERS

Parameters	unit	MFS-10	MFS-20
Central wavelength	nm	1064+4	1064+4
Polarization		Random	Random
Average output power	W	10	20
Energy per pulse	mJ	0.5~0.6	0.08~1.0
Beam quality	m ²	<1.5	<1.5
Beam diameter	mm	6~8	7~9
Output power stability	%	<5	<5
Frequency tunle range	khz	20~60	30~60
Pulse width	ns	80~140	80~140
Power tunable range	%	5~100	5~100
Operation Volatage (DC)	VAC	100-240	100-240
Output fiber length	m	1.5	1.5
Cooling		Forced air	Forced air
Working temperature		0~35 c	0~35 c
Operation humidity		10~95	10~95
Storage temperayure		-1~60 c	-1~60 c



NEO INSTRUMENT CO.

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