

MASTER S



freeform
FABRICATION

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ELETTROLASER

- 7" colour touch screen display
- One hundred programmable settings
- Leica 10x stereo-microscope
- LCD shutter with high luminosity
- Joystick inside the welding chamber
- LED illumination
- Integrated video-cam
- Ideal for silversmiths and welding of precious metals like platinum, titanium, gold, silver, palladium
- For repair of antique jewellery and repair of settings without removing the stones
- For repair of watches, eye-wear and other fine welding jobs
- Low maintenance!
- 3 years warranty

The ideal machine for small laboratories, shops and workshops.

Available in 80, 100 and 130 Joule power configurations. The **MASTER-S** is equipped with an enhanced flush bulb that improves the laser beam in terms of repeatability and increases its lifetime.

This welder has Compact dimensions and it can be located anywhere, on a desktop in a small shop, workshop and even at home.

The **MASTER-S** can be fitted with the 3D VISION system for a stereoscopic view of the welding zone.

The 3D vision system makes it easier for the operator when using the laser long hours and it also supports a healthier sitting posture.

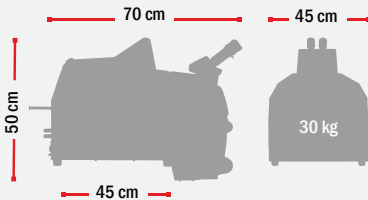
The PLUS-version can be equipped with the SMOOTH SPOT technology for enhanced control of the welding pattern.

MASTER S 3D



	MASTER-S 80	MASTER-S 100	MASTER-S 130
LASER SOURCE AND WAVE LENGTH	Nd: YAG 1064 nm		
AVERAGE POWER	75 w	95 w	100 w
PEAK POWER	5 kw	5 kw	6,5 kw
ENERGYIM	80 J	100 J	130 J
PULSE TIME	0,1 + 16 ms	0,1 + 20 ms	0,1 + 20 ms
PULSE FREQUENCY	0,5 + 30 Hz		
SPOT DIAMETER	0,2 + 2,0 mm		
SPOT SETTING	Motorized, 30 positions		
WAVE PROGRAMS	Pulse Shaping 6 preset		
MEMORIES CELL STORED	100		
INTERNAL CHAMBER CONTROL	Joystick		
EXTERNAL CONTROL	7" Colour Touch Screen		
INPUT POWER	230 V AC, 50/60 Hz		
AMPERE	10 A		
TYPE	Desktop		

DIMENSIONS



MASTER-S MASTER-S 3D



WI-FI



HDMI (OPTIONAL)



INTEGRATED CAMERA



USB (OPTIONAL)

MASTER-S 3D



GLASSES ALLOWED



IMPROVED VISION



WITHOUT EYEGLASSES



NO TIRED EYES



EASY ACCESSIBLE CONTROLS



IMPROVED VISION



AIR/GAS INLET