

**PREMET**  
TECHNOLOGIES

**PRO**  
LASER



TABLE-TOP MANUAL LASER WELDER

**easy**<sup>TM</sup>

**Wide 10" LCD Full-HD TouchScreen Display**

**Stereo-Microscope 10x by LEICA  
or Lynx EVO by VisionEngineering**

**Warm colored, Dimmable and  
non-Flickering LED Illuminating System**

**Wide Welding Chamber with  
Large Opening / Access**

**Ergonomic and Comfortable Armrest Pillows**

**WiFi, USB & HDMI Connectivity for Service  
and connection to External Display**

**Available with 150J, 180J or 200J of Power**

**Perfect Stability, High Speed,  
High Power, Complete Reliability  
and Long-Life components**

**DUAL-RADAIATOR Cooling System  
with 6L of coolant for 24h/7d cycles**

**ECO-Mode for low electricity consumption  
when not in use**



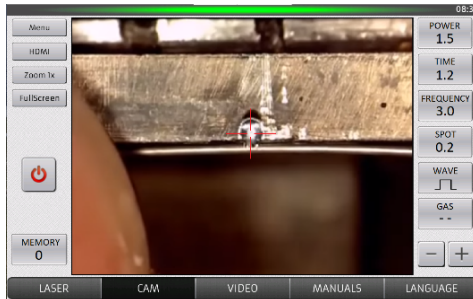
Lynx EVO by Vision Engineering is an advanced eyepiece-less microscope capable of offering a stunning High-Resolution 3D stereo viewing, with no stress for the eyes. Available on EASY, Lynx EVO is a valid alternative to the LEICA's Stereo-Microscope, provided as standard setup.

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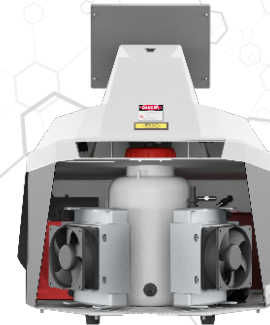
Every EASY is equipped with the so-called "EMBEDDED CAMERA SYSTEM". The images captured by the integrated HD-CAMERA, with no latency of sort, are displayed on the 10" LCD, where all the Working Parameters are always displayed. The ZOOM function allows digital magnification of 15x, 20x and 40x.

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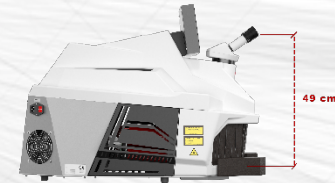
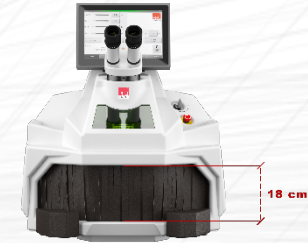
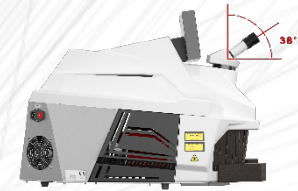
EASY is equipped with a DUAL-RADIATOR Cooling System (sustained by a 6-liter liquid tank, powered by a High-Efficiency water pump, cooled by 2 High-Speed fans) which is designed to stand 24h / 7d work sessions with no interruption and no help of any external chiller.

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	<b>EASY-1</b>	<b>EASY-2</b>	<b>EASY-3</b>	<b>EASY-3 "PLUS"</b>
LASER Source	Nd: YAG	Nd: YAG	Nd: YAG	Nd: YAG
Wavelength	1064nm	1064nm	1064nm	1064nm
Average Power	95W	100W	110W	140W
Peak Power	7,5kW	9,0kW	10kW	10kW
Max Energy	150 Joule	180 Joule	200 Joule	200 Joule
Pulse Frequency	up to 30Hz	up to 30Hz	up to 30Hz	up to 50Hz
Pulse Duration	0,1 ÷ 20 mS	0,1 ÷ 20 mS	0,1 ÷ 20 mS	0,1 ÷ 20 mS
Spot Dimension	0,2 ÷ 2,0mm (0,1mm Optional)	0,2 ÷ 2,0mm (0,1mm Optional)	0,2 ÷ 2,0mm (0,1mm Optional)	0,2 ÷ 2,0mm (0,1mm Optional)
External Control	10" Color TouchScreen	10" Color TouchScreen	10" Color TouchScreen	10" Color TouchScreen
Max Working Temp.	39°C	39°C	39°C	39°C
Power Requirements	1-Ph, 220/230 VAC, 50/60 Hz, 10A	1-Ph, 220/230 VAC, 50/60 Hz, 10A	1-Ph, 220/230 VAC, 50/60 Hz, 10A	1-Ph, 220/230 VAC, 50/60 Hz, 16A
Cooling System	Forced Air & Double Radiator 6L	Forced Air & Double Radiator 6L	Forced Air & Double Radiator 6L	Forced Air & Double Radiator 6L
Size (W x D x H)	W 59 x D 92 x H 65 cm	W 59 x D 92 x H 65 cm	W 59 x D 92 x H 65 cm	W 59 x D 92 x H 65 cm
Net Weight	49 Kg	49 Kg	49 Kg	52 Kg

Features, images, performances, weights and measures contained in the catalogue are completely indicative and approximate and may change without notice.  
 Caratteristiche, immagini, prestazioni, pesi e misure indicate si intendono del tutto indicativi ed approssimativi e possono variare senza preavviso.



*Reserved for the Agent / Dealer / Distributor*

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