

Mega 6.0



DISPONIBILE CON
3D VISION SYSTEM



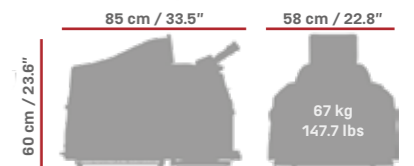
The **Mega 6.0** is a next-generation laser welder, designed to deliver high-quality microsoldering with maximum efficiency. Machines in this series are equipped with **SMSP technology**, a waveform that makes the laser beam more stable, precise, and sustainable.

In addition, the Mega 6.0 integrates the **Gaussian Smooth Spot** technology, which ensures uniform distribution of energy and filler material. This results in exceptionally accurate and refined welds, especially on silver and reflective materials.

Designed for intensive work, the Mega 6.0 combines high performance with an advanced cooling system, ensuring operational stability even under prolonged use. The **3D VISION option** provides a stereoscopic view of the welding area, optimizing process control and weld quality.

Plus

- Smooth Spot Technology
- Preloaded Demo Videos
- Dual Cooling System



Data sheet

| | |
|------------------------------|--|
| Laser source and wave length | Nd:Ce: YAG 1064 nm |
| Average power | 100 W |
| Peak power | 11 kWp |
| Energy | 255 J |
| Impulse time | 0,1 - 25 ms |
| Pulse frequency | 0,5 - 40 Hz |
| Spot diameter | 0,1 - 2,0 mm (0,05 opt.) |
| Spot setting | Motorized |
| Wave programs | Pulse Shaping 7 preset |
| Memories cell stored | 100 |
| Internal chamber control | Joystick |
| External control | 7" Color Touch Screen |
| Power supply | 230 V AC, 50/60 Hz (110 on request) - 2,2 kW |
| Type | Desktop |
| Argon nozzle | Yes |