



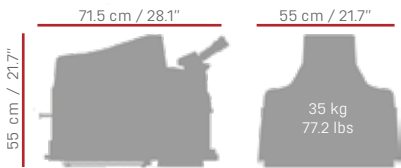
MS 3.5



Elettrolaser, driven by relentless Research & Development, introduces the new Laser Welder MS 3.5: small, ultra-compact, and energy-efficient. Ideal for jewelry and dental labs, it ensures precision welding of all precious and non-precious metals. Its innovative design, featuring a reinforced casing, guarantees comfort with ergonomic armrests, low noise levels, and removable drawers. The 7" touchscreen allows users to adjust power, frequency, and laser shot size, with the ability to save up to 100 settings.

Plus

- Easily accessible controls
- Water and air cooling
- Simple and intuitive interface



Data sheet

| | MS 3.5-35 | MS 3.5-80 | MS 3.5-165 |
|------------------------------|--|-------------|-------------|
| Laser source and wave length | Nd:Ce: YAG 1064 nm | | |
| Average power | 30 W | 30 W | 75 W |
| Peak power | 3 kWp | 4 kWp | 6.5 kWp |
| Energy | 35 J | 80 J | 165 J |
| Impulse time | 0,1 ÷ 12 ms | 0,1 ÷ 20 ms | 0,1 ÷ 25 ms |
| Pulse frequency | 0,5 ÷ 6 Hz | 0,5 ÷ 6 Hz | 0,5 ÷ 20 Hz |
| Spot diameter | 0,2 ÷ 2,0 mm | | |
| Spot setting | Motorized | | |
| Wave programs | Pulse Shaping 6 preset | | |
| Memories cell stored | 100 | | |
| 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 | | |