



ML-2052A, ML-2051A ML-2050A, ML-2150A YAG Laser Welder

KEY FEATURES

- Pulse : 1 to 30 PPS
- Fiber diameter: SI 0.1 – 1 mm
- Environment: 5 to 30 °C with humidity < 85%

- Plug and play lasers for fast system integration
- Compact design minimises space requirement
- Real time power feedback for superior output control
- Time share configuration allows operation of several Workstations for improved flexibility
- Bi-Frequency power supply for ease of use worldwide
- Flexible pulse shaping helps achieve optimum welding profiles for more challenging materials
- Integrated beam splitter with multiple laser outputs for increased throughput

TYPICAL APPLICATIONS



Electronics



Medical



Optical device



Stainless steel



TECHNICAL SPECIFICATIONS

Model	ML-2052A	ML-2051A	ML-2050A	ML-2150A
Max. rated output	0.2 W	7 W	15 W	25 W
Max. output energy	0.25 J/P	7 J/P	15 J/P	25 J/P
Max. peak power	1 kW	2.5 kW	4 kW	6 kW
Power requirements	Single-phase, 200 V /220 V /240 V to AC (+10%/-15%) , 50/60 Hz			
Breaker rated current	15A			
Cooler	Forced air cooling			
Weight	70 kg			
Safety class	Class 4 laser, pilot laser: Class 1			
Legal approval	CE compliant			

DRAWINGS



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