



ML-2351A, ML-2351AF ML-2350A, ML-2350AF ML-2450A YAG Laser Welder

KEY FEATURES

- Pulse : 1 to 200 PPS
- Fiber diameter: SI 0.2 – 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
- Error details, power monitor status and I/O monitoring shown on a built-in screen
- Standard safety shutter by beam switch method
- Long-life laser diodes provide high reliability and improves maintenance cost

TYPICAL APPLICATIONS



Automotive



Electronics



Automotive



Electronics

TECHNICAL SPECIFICATIONS

Model	ML-2351A	ML-2351AF	ML-2350A	ML-2350AF	ML-2450A
Maximum rated output	50 W		70 W		150 W
Maximum output energy	50 J/P		70 J/P		70 J/P
Maximum peak power	5 kW		7 kW		7 kW
Power requirements	3-phase, 380, 400 V to AC (+/- 10%) , 50/60 Hz				
Breaker rated current	10A (400 VAC)				20A (400 VAC)
Cooler	Water - Water	Forced air cooling	Water - Water	Forced air cooling	Water - Water
Weight	240 kg	250 kg	240 kg	240 kg	240 kg
Safety class	Class 4 laser, pilot laser: Class 1				
Legal approval	CE compliant				

DRAWINGS

