

7601MFX Series | 150 Watt / 300 Watt | PN: 524-761-MFX-XXX



System Platform	Pedestal
Beam Delivery Presentation	90°
Wavelength	1070 nm
Operating Mode	Standard Mode, Micro or CW (Continuous Wave)
Polarization	Random
Output Power Stability	< +/-1%
Output Power (Average)	150 W, 300 W
Maximum Peak Power	1.5kW, 3.0kW
Beam Output Mode	Single or Multi-Mode
Pulse Width	0.2 - 75 ms
Pulse Frequency	0 Hz (Single-Shot Fire), 0.5 - 20 Hz
Burst (Count) Mode	1 - 999 pulses
Spot Size	> 25 micron
Cooling System	Internal Forced Air
Cooling Capacity-Run Time	24 Hour / Continuous
Supply Circuit	240V, 50/60 Hz, 20 AMP, Single Phase
Stereo Microscope	15x (optional 25x, 40x)
Digital Viewing System (DVS)	25x - 115x (optical dependent)
Parameter Adjustment Features	External Touchscreen In Chamber Joystick
X-Y-Z Axis Travel	175mm x 100mm x 150mm
Software	CNC MotionFX® w/ Teach-Mode & Manual
Language Display Options	English
Motorized Beam Expander	Yes
Shield Gas Supply	Integrated "Soft Flow" Nozzle
Inert Gas Welding Chamber Adjust Value	Dual - Integrated
Welding Chamber Dimensions (*To Focus Area)	15.7"L x 23.9"W x 5.9"H* 398mm x 607mm x 149mm*
Pedestal Workstation "Footprint" Dimensions	47"L x 24.4"W x 46.7"H 1191mm x 621mm x 1135mm
Approx. Weight (Unpackaged)	260 lbs. / 118 kg
Warranty Coverage (Parts & Labor)	As Quoted
Laser Safety Certification Compliance	FDA(CDRH), CSA, CE

LASERSTAR TECHNOLOGIES CORPORATION

2461 Orlando Central Parkway Orlando, Florida 32809 USA

Phone: +1-407-248-1142 ★ www.LaserStar.net ★ Email: sales@laserstar.net