



WELDER	Elettrolaser Mega 6.0	Elettrolaser MS 165J	Elettrolaser MS-3.5 80J
LASER TYPE	Nd:YAG	Nd:YAG	Nd:YAG
SYSTEM PLATFORM	Benchtop	Benchtop	Benchtop
WAVELENGTH	1064 nm	1064 nm	1064 nm
MAXIMUM PEAK POWER	11 kW	6 kW	4 kW
PULSE ENERGY	255 joules	165 joules	165 joules
PULSE LENGTH	0.1 – 25 mS	0.1 – 25 mS	0.1 – 25 mS
PULSE FREQUENCY	0.5 – 40 Hz	0.5 – 20 Hz	0.5 – 20 Hz
SPOT DIAMETER	0.1 – 2 mm	0.2 – 2 mm	0.2 – 2 mm
AVERAGE POWER	100W	75W	75W
WEIGHT	80 lbs. (36 kg)	68 lbs. (31 kg)	68 lbs. (31 kg)
FOOTPRINT	34" L x 20" W x 20" H (864 mm x 508 mm x 508 mm)	28" L x 23" W x 21" H (711 mm x 584 mm x 533 mm)	28" L x 23" W x 21" H (711 mm x 584 mm x 533 mm)
SPECIAL FEATURES	Leica 10X stereomicroscope, 0.1 mm spot feature, double cooling system for continuous use, integrated camera for external view by clients or operator, 7 inch touchscreen, 100 programmable memory, and argon gas inlet.	Leica 10X stereomicroscope, 100 programmable memory, motorized spot, and argon gas inlet.	Leica 10X stereomicroscope, 100 programmable memory, motorized spot, six pulse shaping presets, and an argon gas inlet.
TECHNICAL SUPPORT	Includes live training. Preloaded tutorials.	Includes live training. Preloaded tutorials.	Includes live training. Preloaded tutorials.
RECOMMENDED SCHEDULED MAINTENANCE	With heavy use, we suggest wiping down the inside of unit to remove shop dust and monitor water cooling levels.	With heavy use, we suggest wiping down the inside of unit to remove shop dust and monitor water cooling levels.	With heavy use, we suggest wiping down the inside of unit to remove shop dust and monitor water cooling levels.
TRAINING OPTIONS	Live advanced training included.	Live advanced training included.	Live advanced training included.
PRICE	\$19,750	\$13,995	\$9,995
WARRANTY	Three-year warranty.	Three-year warranty.	Two-year warranty.
CONTACT INFORMATION	Romanoff International Supply Corp. 1-631-842-2400 websales@romanoff.com romanoff.com	Romanoff International Supply Corp. 1-631-842-2400 websales@romanoff.com romanoff.com	Romanoff International Supply Corp. 1-631-842-2400 websales@romanoff.com romanoff.com



	Orotig Evo X	Orotig Revo X ²	Coherent – Rofin Basic XE	LT-100W	
	Nd:YAG	Nd:YAG	Nd:YAG	Nd:YAG	
	Benchtop	Pedestal	Pedestal	Benchtop	
	1064 nm	1064 nm	1064 nm	1064 nm	
	9kW	12kW	9kW	7 kW	
	255 joules	280 joules	100 joules	100 joules	
	25 ms	25 ms	25 ms	0.1 – 20 ms	
	40 Hz	40 Hz	50 Hz	0 – 50 Hz	
	0.1 – 2 mm	0.2 – 2 mm	0.2 – 2 mm	0.2 – 2 mm	
	90W	150W	150W	100W	
	90 lbs. (41 kg)	165 lbs. (75 kg)	276 lbs. (125 kg)	220 lbs. (100 kg)	
	20" L x 32.25" W x 21.75" H (508 mm x 819 mm x 552 mm)	23.5" L x 38.25" W x 23.25" H (597 mm x 972 mm x 591 mm)	22.8" L x 33.6" W x 48.5" H (579 mm x 853 mm x 1232 mm)	28" L x 16" W x 18" H (70 cm x 40 cm x 46 cm)	
	Leica 10X stereomicroscope, record and export videos and pictures on USB devices, video playback through HDMI, remote connection for diagnosis and updates, and 20 preset working programs and more than 100 memory cells for saving job parameters.	Leica 10X stereomicroscope, motorized stand, double cooling circuit with two water pumps and heat exchangers for continuous work, and 20 preset working programs and more than 100 memory cells for saving job parameters.	Leica 10X stereomicroscope, mobile unit has front lockable wheels, internal joysticks for setting laser parameters, touchscreen display, and pulse shaping with 12 presets and 5 customizable shapes.	Leica microscope, LCD screen panel with video display	
	Service and support available remote or in-person for a fee.	Service and support available remote or in-person for a fee.	Service and support available remote or in-person for a fee.	Free support provided within warranty period; after the warranty period support is available for a nominal fee.	
	Perform preventative maintenance annually.	Perform preventative maintenance annually.	Perform preventative maintenance annually.	Fill water tank and replace argon gas when needed.	
	In-person and virtual training available.	In-person and virtual training available.	In-person and virtual training available.	In-person training is available	
	\$19,000	\$32,000	\$21,200	\$10,000	
	One-year or 1 million shots warranty.	One-year or 1 million shots warranty.	One-year or 1 million shots warranty.	Three-year warranty.	
	B&D Sales 1-401-781-4810 sales@bdsales.com bdsales.com	B&D Sales 1-401-781-4810 sales@bdsales.com bdsales.com	B&D Sales 1-401-781-4810 sales@bdsales.com bdsales.com	Lasertech USA 1-201-575-5373 info@lasertechusa.com lasertechusa.com	



WELDER	LT-130	Neutec PulsePoint Studio Plus 25 Laser Welder	Neutec PulsePoint Studio Plus 150 Laser Welder
LASER TYPE	Nd:YAG	Nd:YAG	Nd:YAG
SYSTEM PLATFORM	Benchtop	Benchtop	Benchtop
WAVELENGTH	1064 nm	1064 nm	1064 nm
MAXIMUM PEAK POWER	7 kW	25 joules	150 joules @ 25mS
PULSE ENERGY	200 joules	25 joules @ 6mS	150 joules
PULSE LENGTH	0.1 – 20 ms	6 mS	25 mS
PULSE FREQUENCY	≤15 Hz	0 – 3 Hz	20 Hz
SPOT DIAMETER	0.2 – 2 mm	0.3 – 1.5 mm	0.15 – 1.5 mm
AVERAGE POWER	130W	25W	75W
WEIGHT	100 lbs. (45 kg)	88.2 lbs. (40 kg)	74.95 lbs. (34 kg)
FOOTPRINT	35" L x 20" W x 22" H (90 cm x 50 cm x 56 cm)	20" W x 23.25" D x 13.375" H (508 mm x 591 mm x 340 mm)	20.25" W x 30.25" D x 18.75" H (515 mm x 769 mm x 477 mm)
SPECIAL FEATURES	Leica 10X microscope, LCD screen panel with video display.	Built-in Leica 10X stereomicroscope. High-efficiency internal optics enable a higher average power output from fewer joules. User-friendly touchscreen controls. Easy-to-use welding chamber parameter controls. Easy to move, set up, use, and maintain.	Built-in Leica 10X stereomicroscope. Large weld chamber with a wide opening that provides access for large pieces. Pulse shaping. High-efficiency internal optics enable a higher average power output from fewer joules. Smoother welds.
TECHNICAL SUPPORT	Free support provided within warranty period; after the warranty period support is available for a nominal fee.	Technical team is available by phone.	Technical team is available by phone.
RECOMMENDED SCHEDULED MAINTENANCE	Fill water tank and replace argon gas when needed.	Clean permanent filters as needed. Change water every six months.	Change water every six months. Clean filters as needed.
TRAINING OPTIONS	In-person training is available.	Free training at Rio Grande facility is available upon request.	Free training at Rio Grande facility is available upon request.
PRICE	\$16,000	\$7,995.95	\$11,895
WARRANTY	Three-year warranty.	Two-year warranty.	Two-year warranty.
CONTACT INFORMATION	Lasertech USA 1-201-575-5373 info@lasertechusa.com lasertechusa.com	Rio Grande 1-800-545-6566 info@riogrande.com riogrande.com	Rio Grande 1-800-545-6566 info@riogrande.com riogrande.com



WELDER	Neutec PulsePoint Studio Plus 220 Laser Welder	iWeld Benchtop Laser Welder (992J Series)	iWeld Professional Laser Welder (972J Series)
LASER TYPE	Nd:YAG	Nd:YAG	Nd:YAG
SYSTEM PLATFORM	Benchtop	Benchtop	Pedestal
WAVELENGTH	1064 nm	1064 nm	1064 nm
MAXIMUM PEAK POWER	9kW	11kW	11kW
PULSE ENERGY	220 joules	0.1 – 180 joules	0.1 – 180 joules
PULSE LENGTH	220 joules @ 25 mS	0.1 – 30ms	0.1 – 30ms
PULSE FREQUENCY	40 Hz	0.5 – 50 Hz	0.5 – 50 Hz
SPOT DIAMETER	0.1 – 2 mm	0.05 – 2 mm	0.05 – 2 mm
AVERAGE POWER	90W	60W	60W & 80W
WEIGHT	90.32 lbs. (41 kg)	125 lbs. (57 kg)	180 lbs. (82 kg)
FOOTPRINT	20" W x 31.2" D x 21" H (508 mm x 793 mm x 534 mm)	33" L x 21" W x 16" H (839 mm x 534 mm x 406 mm)	33" L x 21" W x 43" H (839 mm x 534 mm x 1093 mm)
SPECIAL FEATURES	Built-in high-resolution camera. The HDMI allows you to upload settings to save them for later use, to forward settings for analysis, or to download to another machine. Features network Wi-Fi, allowing the welder to be streamed to a smart TV or computer.	Distilled water cooling. 120V or 230V. Made in the USA.	Distilled water cooling. 120V or 230V. Made in the USA.
TECHNICAL SUPPORT	Technical team is available by phone.	Service and support is free during warranty period; after the warranty is up, service is available at a standard hourly rate.	Service and support is free during warranty period; after the warranty is up, service is available at a standard hourly rate.
RECOMMENDED SCHEDULED MAINTENANCE	Change water every six months. Check filters monthly.	Perform preventative maintenance every six months (water filter, air filters, coolant) or as needed (flashlamp).	Perform preventative maintenance every six months (water filter, air filters, coolant) or as needed (flashlamp).
TRAINING OPTIONS	Free training at Rio Grande facility is available upon request.	Factory or on-site two-day training class available for purchase. Virtual live instruction and LaserStar Academy web-based training videos also available.	Factory or on-site two-day training class available for purchase. Virtual live instruction and LaserStar Academy web-based training videos also available.
PRICE	\$18,995	\$14,700	\$16,500 (60W); \$18,000 (80W)
WARRANTY	Two-year warranty.	Two-year warranty.	Two-year warranty.
CONTACT INFORMATION	Rio Grande 1-800-545-6566 info@riogrande.com riogrande.com	LaserStar Technologies Corp. 1-407-248-1142 sales@laserstar.net laserstar.net	LaserStar Technologies Corp. 1-407-248-1142 sales@laserstar.net laserstar.net



WELDER	Sisma LM-D 180	Sisma LM-DT 210	Sisma LM-T 250
LASER TYPE	Nd:YAG	Nd:YAG	Nd:YAG
SYSTEM PLATFORM	Benchtop	Benchtop	Pedestal
WAVELENGTH	1064 nm	1064 nm	1064 nm
MAXIMUM PEAK POWER	9kW	10.5kW	11kW
PULSE ENERGY	225 joules	262 joules	275 joules
PULSE LENGTH	0 – 25ms	0 – 25ms	0 – 25ms
PULSE FREQUENCY	0 – 50 Hz	0 – 50 Hz	0 – 50 Hz
SPOT DIAMETER	0.2 – 2 mm (0.01 mm optional)	0.2 – 2 mm (0.01 mm optional)	0.1 – 2 mm
AVERAGE POWER	80W	85W	100W
WEIGHT	110 lbs. (50 kg)	110 lbs. (50 kg)	342 lbs. (156 kg)
FOOTPRINT	22.5" L x 28.75" W x 20" H (567 mm x 745 mm x 512 mm)	22.5" L x 28.75" W x 24" H (567 mm x 730 mm x 612 mm)	43" L x 34.5" W x 54" H (1094 mm x 878 mm x 1363 mm)
SPECIAL FEATURES	Leica 10X microscope. Smart spot technology for welding consistency. First pulse suppression for hollow, delicate, or fragile pieces. Hinged hood for ease in opening cover. Seven pulse shapes.	Weld using Leica 10X microscope or on the screen. Smart spot technology for welding consistency. First pulse suppression for hollow, delicate, or fragile pieces. HD TV connectivity. Hinged hood. Seven pulse shapes.	Boost mode to increase watts by 20 percent. Leica 10X microscope. Smart spot technology. First pulse suppression. HD TV connectivity. External mounted chiller for increased cooling capacity. Hydraulic pedestal for height adjustment. Seven pulse shapes.
TECHNICAL SUPPORT	Available remote or in-person for a fee.	Available remote or in-person for a fee.	Available remote or in-person for a fee.
RECOMMENDED SCHEDULED MAINTENANCE	Water flush and filter change every 1,000 hours and air filter one to three times a year based on use. Clean protection lens monthly.	Water flush and filter change every 1,000 hours and air filter one to three times a year based on use. Clean protection lens monthly.	Water flush and filter change every 1,000 hours and air filter one to three times a year based on use. Clean protection lens monthly.
TRAINING OPTIONS	Video training content provided at no charge. On-site training, classes, and seminars also available. Machines preloaded with settings.	Video training content provided at no charge. On-site training, classes, and seminars also available. Machines preloaded with settings.	Video training content provided at no charge. On-site training, classes, and seminars also available. Machines preloaded with settings.
PRICE	\$18,750	\$23,250	\$29,995
WARRANTY	Two-year warranty (includes flashlamp).	Two-year warranty (includes flashlamp).	Two-year warranty (includes flashlamp).
CONTACT INFORMATION	Gesswein 1-203-366-5400 info@gesswein.com gesswein.com	Gesswein 1-203-366-5400 info@gesswein.com gesswein.com	Gesswein 1-203-366-5400 info@gesswein.com gesswein.com



WELDER	DADO Laser Welder	LZR ECO 160	LZR 240
LASER TYPE	Nd:YAG	Nd:YAG	Nd:YAG
SYSTEM PLATFORM	Benchtop	Benchtop	Benchtop
WAVELENGTH	1064 nm	1064 nm	1064 nm
MAXIMUM PEAK POWER	2.5kW	6.4kW	10 kW
PULSE ENERGY	1 – 15 joules	160 joules	1 – 240 joules
PULSE LENGTH	1 – 4 seconds	0.1 – 2.5 ms	0.1 – 25 ms
PULSE FREQUENCY	50 – 60 Hz	0.5 – 6 Hz	1 – 30 seconds
SPOT DIAMETER	0.2 – 1.5 mm	.2 – 2.0 mm	.2 – 2.0 mm
AVERAGE POWER	180W	160 joules	100W
WEIGHT	33 lbs.	69 lbs.	250 lbs.
FOOTPRINT	13.5" L x 13.5" W x 13.5" H (34 cm x 34 cm x 34 cm)	23.8" L x 21.2" W x 19" H (61 cm x 54 cm x 48 cm)	30" L x 21" W x 22" H (76 cm x 53 cm x 56 cm)
SPECIAL FEATURES	10X microscope, vocal assistant, LED status indicator, compact and portable design.	10X stereo microscope, touchscreen interface, advanced cooling system, and pulse-shape settings that allow configuration of how the laser functions on different types of metal.	10X Leica optics, touchscreen interface, onboard HD camera, HDMI port, extra-large work chamber with removable floor.
TECHNICAL SUPPORT	Available online or via phone at no charge. Optional VIP service plan available.	Available online or via phone at no charge. Optional VIP service plan available.	Available online or via phone at no charge. Optional VIP service plan available.
RECOMMENDED SCHEDULED MAINTENANCE	Change water annually using premium deionized water.	Change water annually using premium deionized water.	Change water annually using premium deionized water.
TRAINING OPTIONS	Training is available for \$200 per hour via remote video conference call. On-site training is also available.	Training is available for \$200 per hour via remote video conference call. On-site training is also available.	Training is available for \$200 per hour via remote video conference call. On-site training is also available.
PRICE	\$5,700	\$11,900	\$22,500
WARRANTY	Three-year warranty.	Three-year warranty.	Three-year warranty.
CONTACT INFORMATION	Sunstone Welders 1-801-658-0015 sales@sunstonewelders.com sunstonewelders.com	Sunstone Welders 1-801-658-0015 sales@sunstonewelders.com sunstonewelders.com	Sunstone Welders 1-801-658-0015 sales@sunstonewelders.com sunstonewelders.com