



2022 Product Catalog

The Micro Welder Experts

VERSION 20220501

Pricing Effective July 1, 2022



sunstone™

The Micro Welder Experts



About Sunstone

Sunstone designs and manufactures high-tech micro welding and engraving solutions for many different industries. In short, wherever a very small spot weld is needed in a very precise location, you'll find a Sunstone welder.

Jewelers, power cell manufacturers, aerospace companies, automotive groups, orthodontists, dental labs, electronics manufacturers, and many others need a Sunstone welder to assist them in their manufacturing processes. Sunstone welders are used by Apple, NASA, MIT, GE, HP, SpaceX, Lockheed Martin, Boeing, Harley-Davidson, Tesla, multiple government and military agencies, artists, orthodontists, and dental lab technicians all over the world.

The Sunstone product line includes laser, pulse arc, capacitive discharge, AC, DC, HF inverter, and hot bar reflow welding systems. The bulk of our products are designed and manufactured in the United States while other products are manufactured to our specifications by partners in other countries. The company sells and ships welders to all parts of the world.

The Sunstone executive management team is loaded with micro welding experience and knowledge, with most having joined the company in its startup mode. Now in a significant growth stage, Sunstone has complemented its team with experienced sales, marketing, and engineering professionals.



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Soldering Sucks!

A torch is dirty, toxic, and a risk to precious stones. But with an Orion welder, you'll save time, keep a clean bench, and avoid damaging heat. Constructing a work piece, closing a jump ring, adding wire to a prong, or fixing porosity requires only a fraction of the time. With four models to choose from, there's an Orion welder that will fit your studio's budget.



Orion mPulse
For smaller studios



Orion 100c
More energy and capability



Orion 150s
Our best selling model!



Orion 200i
For studios that want it all!

Less Soldering. More Creating!

Call or text **+1 801-658-0015**.



sunstone™
The Micro Welder Experts

Orion™ Pulse Arc Welders

The world's number one choice in pulse arc welders!

PART NUMBER	DESCRIPTION
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Orion 200i V3

Orion 200i pulse arc welder with up to 200 joules of energy. This product will appear as two line items on your invoice: Orion 200i V3 PS and Orion Arm Microscope i3.



Orion 250s V2 ARM

Orion 250s pulse arc welder with up to 250 joules of energy with arm microscope. This product will appear as two line items on your invoice: Orion 250s V2 PS and Orion Arm Microscope V2.



Orion 250s V2 ADL

Orion 250s pulse arc welder with up to 250 joules of energy with auto darkening lense. This product will appear as two line items on your invoice: Orion 250s V2 PS and Orion ADL Upgraded.





PART NUMBER	DESCRIPTION
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Orion 150s V2 ARM

Orion 150s pulse arc welder with up to 150 joules of energy with microscope arm. This product will appear as two line items on your invoice: Orion 150s V2 PS and Orion Arm Microscope V2.



Orion 150s V2 ADL

Orion 150s pulse arc welder with up to 150 joules of energy with auto darkening lens. This product will appear as two line items on your invoice: Orion 150s V2 PS and Orion ADL Upgraded.



Orion 100c ARM

Orion 100c pulse arc welder with up to 150 joules of energy with microscope arm. This product will appear as two line items on your invoice: Orion 100c PS and Orion Arm Microscope V2.



Orion 100c ADL

Orion 100c pulse arc welder with up to 150 joules of energy with auto darkening lens. This product will appear as two line items on your invoice: Orion 100c PS and Orion ADL Upgraded.



PART NUMBER	DESCRIPTION
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Orion mPulse 30 Mounted

Orion mPulse arc welder with up to 30 joules of energy, includes Orion mPulse 30 Arm with Cradle.



Orion mPulse 30 Plus

Orion mPulse arc welder with up to 30 joules of energy, includes Orion Arm Microscope.



Orion mPulse 30 Upgraded ADL

Orion mPulse arc welder with up to 30 joules of energy, includes Upgraded Orion ADL auto-darkening lens.



Orion mPulse 30

Orion mPulse arc welder with up to 30 joules of energy, includes auto-darkening lens.





PART NUMBER	DESCRIPTION
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mPulse Mounted
Microscope

Swing arm with power supply cradle for Orion mPulse pulse arc welding system. RJ45 connection cable included.



Orion Arm Microscope
V2

Orion swing arm and microscope. includes optical shutter, light, 5x magnification. For use with Orion mPulse, Orion 100c, Orion 150s, and Orion 250s.



Orion Arm Microscope
i3

Orion swing arm and microscope, includes optical shutter, light, 5x magnification. For use with the Orion 200i and PA250i welders.



Orion ADL Upgraded


Orion auto-darkening lens to be paired with current Orion pulse arc welders. (Stylus not included).



Orion™ Pulse Arc Welder Electrodes

Premium tungsten electrodes only from Sunstone!





PART NUMBER	DESCRIPTION
Orion EL 1.5	Tungsten electrode tips, 1.5mm, (15 per package)
Orion EL 1.0	Tungsten electrode tips, 1.0mm, (15 per package)
Orion EL 0.5	Tungsten electrode tips, 0.5mm, (15 per package)
Orion EL 0.5/1.0	Tungsten electrode tips, 1.0mm and 0.5mm, (10 of each/package)



Orion™ Pulse Arc Welder Accessories

Genuine Orion pulse arc accessories only from Sunstone!

PART NUMBER	DESCRIPTION
Orion Collet 1.5	1.5mm Orion collet
Orion Collet 1.0	1.0mm Orion collet
Orion Collet 0.5	0.5mm Orion collet
Orion Collet Nut	Threaded collet nut to hold collet in place
Orion Dremel	Dremel tool for diamond disks, to sharpen Orion electrodes
Orion DDD	5 pack of diamond Dremel disks
Orion GB Pack	Fiberglass brushes for cleaning weld spot area. Sold as a pack of five.
Orion GB	Fiberglass brushes for cleaning weld spot area. Sold individually.



PART NUMBER	DESCRIPTION
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Orion Stylus V1	Orion pulse arc welding stylus for use with Orion welders with THREADED connections only.
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Orion Stylus V2	Orion pulse arc welding stylus for use with Orion welders with SNAP-IN connections only.
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Orion Stylus Extension	Orion pulse arc welding stylus extension for use with Orion welders with THREADED connections only.
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Orion v2 Stylus Extension	Orion pulse arc welding stylus extension for use with Orion welders with SNAP-IN connections only.
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AGR 2.1	Precision argon gas regulator, with quick connector. Made in USA
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PART NUMBER

DESCRIPTION

AGR1

Precision argon gas regulator, with quick connector. Made in China



AGR Inline

Orion inline low pressure argon regulator



Orion Crosslock

Cross Lock Tweezer for Orion pulse arc welders



Orion Jump Ring Pliers

Jump Ring Pliers for Orion pulse arc welders



Orion Small Tack Tweezers

Small Double Pole Tweezers for Orion pulse arc welders





PART NUMBER	DESCRIPTION
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Orion SPHP LP Single Probe Hand Piece, low power, 1/4" diameter brass shank accepts 1/16" or 2mm copper electrodes for resistance welding.



Orion DPHP LP Dual Probe Hand Piece, low power, 1/4" diameter brass shank with 10 AWG cabling, accepts 1/16" or 2mm copper electrodes. One pair.



Orion THP+ Tweezer Hand Piece. 10 AWG cabling (6 Feet) with spade connectors for use with Orion pulse arc welders.



Orion Tack+ Tack Welding Cables with + and - alligator clips. 10 AWG cabling (6 Feet) with spade connectors for use with Orion pulse arc welders.



Orion Tack Alligator Clip Orion Tack Alligator Clip. 10 AWG cables (3 feet long), with spade connector for use with Orion pulse arc welders.



orion



LEICA 10X PREMIUM
MICROSCOPIC OPTICS

BEST-IN-CLASS 10" COLOR
TOUCHSCREEN

80 TO 240 JOULES MAX
ENERGY WITH 5,000 POWER
SETTINGS

MOTORIZED SPOT SIZE
ADJUSTMENT

BUILT-IN HD CAMERA
WITH HDMI OUTPUT

LARGE PROTECTED
VIEWING WINDOW

EASY ACCESS TO EXTRA
LARGE WORK CHAMBER
WITH REMOVABLE FLOOR

The Orion LZR: Loaded with More
Standard Features than the Competition!



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The Micro Welder Experts



Orion™ LZR Benchtop Laser Welders

Precision laser welders loaded with more standard features than the competition!

PART NUMBER	DESCRIPTION	
LZR 240	Orion LZR 240 laser welder, up to 240 joules, with built in camera	
LZR 200	Orion LZR 200 laser welder, up to 200 joules, with built in camera	
LZR 160	Orion LZR 160 laser welder, up to 160 joules, with built in camera	
LZR 80	Orion LZR 80 laser welder, up to 80 joules, with built in camera	
LZR 35	Orion LZR 35 laser welder, up to 35 joules	
LZR Pedestal	Motorized Pedestal for Orion LZR benchtop laser welder, white	
LZR Pedestal Eco	Motorized Pedestal for Orion LZR benchtop laser welder, black	

PART NUMBER	DESCRIPTION	
LZR Combo 200	Orion LZR Combo 200 laser welder, up to 200 joules, with articulating arm, wheeled power supply.	
LZR 100A	Orion LZR 100A motorized laser welding system, up to 100 joules	
LZR 140A	Orion LZR 140A motorized laser welding system, up to 140 joules	
LZR 100A2	Orion LZR 100A2 automated (G-Code) laser welding system, up to 100 joules	
LZR 140A2	Orion LZR 140A2 automated (G-Code) laser welding system, up to 140 joules	
LZR Dado	Dado laser welder	
LZR Dado-Ar	Dado laser welder with argon connection	
LZR Dado-2	Dado V2 laser welder	
LZR Dado-2-Ar	Dado V2 laser welder with argon connection	



Orion™ LZR Engravers & Cutters

Sunstone has the right laser engraver for any job or application!

PART NUMBER	DESCRIPTION
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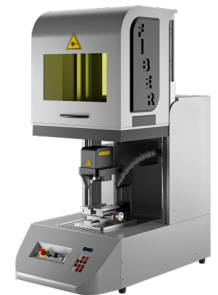
LZR ENG 100 3D	Orion 100 Watt Laser Engraver for 3D parts
LZR ENG 70 3D	Orion 70 Watt Laser Engraver for 3D parts
LZR ENG 50 3D	Orion 50 Watt Laser Engraver for 3D parts
LZR ENG 30 3D	Orion 30 Watt Laser Engraver for 3D parts
LZR ENG 20 3D	Orion 20 Watt Laser Engraver for 3D parts



LZR ENG 200 PRO	Orion 200 Watt Laser Engraver
LZR ENG 100 PRO	Orion 100 Watt Laser Engraver
LZR ENG 70 PRO	Orion 70 Watt Laser Engraver
LZR ENG 50 PRO	Orion 50 Watt Laser Engraver
LZR ENG 30 PRO	Orion 30 Watt Laser Engraver
LZR ENG 20 PRO	Orion 20 Watt Laser Engraver



LZR ENG 50 Eco	Orion 50 Watt Laser Engraver
LZR ENG 30 Eco	Orion 30 Watt Laser Engraver
LZR ENG 20 Eco	Orion 20 Watt Laser Engraver

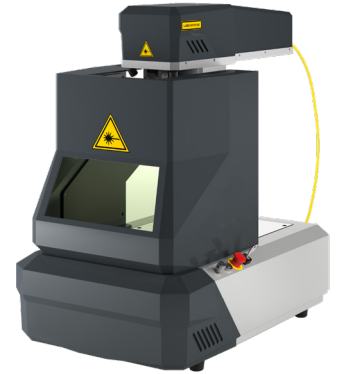


LZR ENG 30 Eco Open	Orion 30 Watt Laser Engraver
LZR ENG 20 Eco Open	Orion 20 Watt Laser Engraver



PART NUMBER	DESCRIPTION
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LZR ENG 30 Nano	Orion 30 Watt Laser Engraver with manual z-axis movement
LZR ENG 20 Nano	Orion 20 Watt Laser Engraver with manual z-axis movement



LZR LCC150	Laser Cutting Cabinet 150
LZR LCC300	Laser Cutting Cabinet 300



Accessories for Orion™ LZR Engravers & Cutters

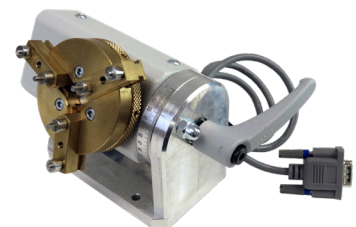
Genuine Orion accessories for maximum professional results!

PART NUMBER	DESCRIPTION
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LZR ENG XY Clamp	XY clamp for Orion laser engravers/ cutters
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LZR ENG Ring Clamp	Rotary ring clamp for engraving on the inside and the outside of rings for use with Orion laser engravers/cutters.
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PART NUMBER	DESCRIPTION
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LZR ENG Vacuum	Extraction and Filtration System
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LZR ENG Vacuum Basic	Basic vacuum extractor for Orion laser engravers/cutters
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LZR ENG Camera	Camera for Marking and Engraving
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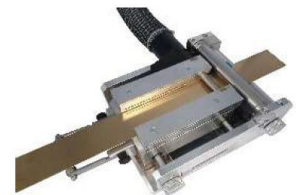
LZR ENG SC Chuck	Self-Centering Chuck (R-Axis)
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LZR ENG X Clamp	X-Motorized Clamp for Bracelets
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LZR ENG Drag Clamp	Drag and Clamp Plate
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LZR ENG PC Stand	Stand with Support for PC and Vacuum (not included)
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Advanced CD Fine-Spot Resistance Welders

Precise, Repeatable Control Over Every Aspect of Every Weld!



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The Micro Welder Experts

Now Available in Four Models:
200, 400, 600, and the phat 1200!







Sunstone CD Resistance Welders



A proud, American-made tradition for more than 15 years!

PART NUMBER	DESCRIPTION	
CD1200DP-A	Sunstone 1200ws Advanced Dual Pulse CD Fine-spot Welder	
CD600DP-A	Sunstone 600ws Advanced Dual Pulse CD Fine-spot Welder	
CD400DP-A	Sunstone 400ws Advanced Dual Pulse CD Fine-spot Welder	
CD200DP-A	Sunstone 200ws Advanced Dual Pulse CD Fine-spot Welder	
CD1000DP	Sunstone 1000ws Dual Pulse CD Fine-spot Welder	
CD1000DP-RS	Sunstone 1000ws Dual Pulse CD Fine-spot Welder with roll spot software	
CD600DP	Sunstone 600ws Dual Pulse CD Fine-spot Welder	
CD600DP-RS	Sunstone 600ws Dual Pulse CD Fine-spot Welder with roll spot software	
CD400DP	Sunstone 400ws Dual Pulse CD Fine-spot Welder	
CD400DP-RS	Sunstone 400ws Dual Pulse CD Fine-spot Welder with roll spot software	
CD200DP	Sunstone 200ws Dual Pulse CD Fine-spot Welder	
CD200DP-RS	Sunstone 200ws Dual Pulse CD Fine-spot Welder with roll spot software	

PART NUMBER	DESCRIPTION	
CD100SPM	Sunstone 100ws single pulse CD fine-spot welder	
CD200SPM	Sunstone 200ws single pulse CD fine-spot welder	
Sunstone Scout	Sunstone Scout 100ws battery-powered single pulse CD fine-spot welder for portable or remote welding applications.	

Sunstone AC Resistance Welders

For applications that require a continuous energy level, choose Sunstone!

PART NUMBER	DESCRIPTION	
AC 15.0 kVA	Sunstone 15kVA AC welder 460-480 VAC	
AC 5.0 kVA	Sunstone 5.0kVA AC welder, 220-240 VAC	
AC 2.2 kVA	Sunstone 2.2kVA, 220-240 VAC welder	



Sunstone DC Resistance Welders

The latest DC welding technology only from Sunstone!

PART NUMBER	DESCRIPTION
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Linear DC

Sunstone Linear DC Welder, with 12v MAC valve included, intuitive touch screen display, updateable software, 10-2500amps, 0.01-500ms timing.



Pico DC

Closed-loop feedback direct-current, resistance welder, with 12v MAC valve included, with force and displacement monitoring for fine welding.



Sunstone Resistance Weld Heads

Pair a Sunstone weld head with a Sunstone welder for outstanding results!

PART NUMBER	DESCRIPTION
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WH1187A HF

Sunstone WH1187 HF Opposed weld head, with high force opposed configuration, MAC valve air-actuated, with foot pedal, trigger cable, 1 AWG welding cables, and accepts 3/16" electrodes.







PART NUMBER	DESCRIPTION	
WH1125A	Sunstone WH1125 Opposed weld head, opposed configuration, MAC valve air-actuated, with foot pedal, trigger cable, 1 AWG welding cables, and accepts 1/8" electrodes.	
WH1125M	Sunstone WH1125 Opposed weld head, opposed configuration manually actuated, with foot pedal, trigger cable, 1 AWG welding cables, and accepts 1/8" electrodes.	
WH1250 EL Upgrade	Sunstone WH1255 EL 1/4" electrode holders and electrodes for Sunstone opposed weld heads.	
WH2125A	Sunstone WH2125A Series/Parallel weld dead, MAC Valve with air-actuated, foot pedal, trigger cable, 1 AWG welding cables, 1/8" electrodes (1 pair). Includes a base plate.	
WH2125M	Sunstone WH2125A Series/Parallel weld head, manually actuated, foot pedal, trigger cable, 1 AWG welding cables, 1/8" electrodes (1 pair). Includes a base plate.	
WH2250 EL Upgrade	Sunstone WH2125 EL 1/4" electrode holders and electrodes for Sunstone parallel weld head.	
Micro E Weld Head	Sunstone Micro E Opposed Micro Weld Head, 30 grams in force and 1 micron in accuracy, with 5x microscope, and light source.	



Sunstone Resistance Welding Hand Attachments

The right hand attachment for every micro welding job!

PART NUMBER	DESCRIPTION	
PG1/2	The PG1/2 is the smallest single side gun. It can be fitted with a straight or 90 degree tip. Triggered with a foot pedal. Accepts threaded electrodes.	
PG1	The PG1 is the smallest single side gun. It can be fitted with a straight or 90 degree tip. Triggered with a button or foot pedal. Accepts threaded electrodes.	
PG2	Pistol Grip Hand Piece with button trigger. Accepts threaded electrodes.	
PG2W	The PG2W is a water cooled hand piece. Accepts threaded electrodes. Designed for industrial uses.	
PG3W	The PG3W is water cooled hand piece. Accepts compression electrodes. Designed for heavy-duty industrial uses.	

PART NUMBER	DESCRIPTION	
PW Chiller	Chilling unit for use with water-cooled hand pieces.	
PG4	The PG4 gun is designed as a series welder, will apply two spots simultaneously. Accepts compression electrodes.	
PG5M	The PG5M miniature pliers are pressure actuated and use 1/8" electrodes.	
MINI GRIP	The Mini Grip is a lightweight pistol grip-type hand piece with copper electrodes and button trigger. Designed for low power resistance welding.	
PASP HP CP	Pressure-actuated, single probe hand piece with large alligator clip.	
PASP HP RS	Pressure-actuated, single probe hand piece with large alligator clip. Designed specifically for roll spot welding. Accepts 1/4" diameter electrodes, such as EL-Roll (included).	



PART NUMBER	DESCRIPTION
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SPHP	Single probe hand piece
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SPHP LP	Single probe hand piece for low power. 1/4" diameter brass shank accepts 1/16" (for Tungsten) or 2mm electrodes.
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SPHP MP	Single probe hand piece for medium power. 5/8" diameter brass shank and 4 AWG cabling, accepts 1/8" electrodes.
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SPHP HP	Single probe hand piece for high power. 7/8" diameter brass shank accepts 3/16" electrodes.
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DPHP Micro	Micro welding hand piece for use with DC welders. Includes one thermal compression bonding hand piece with one MEL-TCB-FL electrode. For use with thermocompression electrodes.
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PART NUMBER

DESCRIPTION

DPHP

Dual probe hand piece



DPHP LP

Dual probe hand piece for low power with 8 AWG cabling. 1/4" diameter brass shank accepts 1/16" copper or 2mm tungsten electrodes. One pair of copper electrodes included.



DPHP MP

Dual probe hand piece for medium power with 4 AWG cabling. 5/8" diameter brass shank accepts 1/8" electrodes. One pair of copper electrodes included.



DPHP HP

Dual probe hand piece for high power with 1 AWG cabling. 7/8" diameter brass shank accepts 3/16" electrodes. One pair of copper electrodes included.





PART NUMBER	DESCRIPTION
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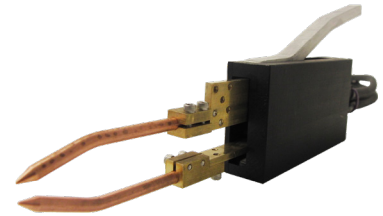
Hand Piece Package	RWMA II Hand Piece Package includes Sunstone's DPHP, SPHP, and THP-A
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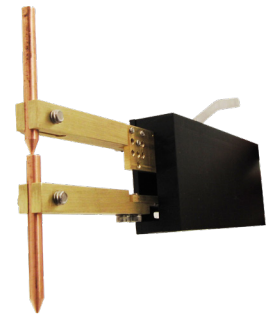
THP-A	Tweezer Hand Piece with 3' 10 AWG cabling with ring connectors for use with Sunstone resistance welders.
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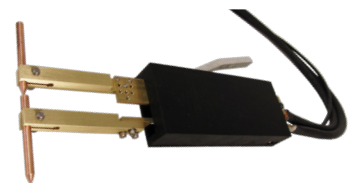
PTHP LP	Pressure-actuated tweezer hand piece for low power. Accepts 1/8" diameter ANG electrodes.
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PTHP MP	Pressure-actuated tweezer hand piece for medium power. Accepts 3/16" diameter electrodes.
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PTHP HP	Pressure-actuated tweezer hand piece for high power. Accepts 3/16" diameter electrodes.
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Sunstone Resistance Welding Electrodes

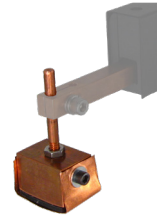
A choice in electrodes because every job is unique and challenging!

PART NUMBER	DESCRIPTION	
EL125BATT	2.5" battery-style copper GlidCop electrodes, 1/8" diameter. One Pair.	
EL250BATT	2.5" battery-style copper GlidCop electrodes, 1/4" diameter. One Pair.	
EL0625RWMA	2" RWMA II copper electrode with 1/16" diameter. One pair.	
EL125RWMA	2" RWMA II copper electrode with 1/8" diameter. One pair.	
EL125RWMA3	3" RWMA II copper electrode with 1/8" diameter. One pair.	
EL187RWMA	3" RWMA II copper electrode with 3/16" diameter. One pair.	
EL250RWMA	3" RWMA II copper electrode with 1/4" diameter. One pair.	
EL0625TUNG	2" pure tungsten electrode with 1/16" diameter. One pair.	
EL125TUNG	2" pure tungsten electrode with 1/8" diameter. One pair.	
EL187TUNG	2" pure tungsten electrode with 3/16" diameter. One pair.	
EL250TUNG	2" pure tungsten electrode with 1/4" diameter. One pair.	
EL125TUNG7	7" pure tungsten electrode with 1/16" diameter. One pair	
EL187TUNG7	7" pure tungsten electrode with 3/16" diameter. One pair	
EL125MOLY	2" molybdenum electrode with 1/8" diameter. One pair.	
EL187MOLY	2" molybdenum electrode with 3/16" diameter. One pair.	



PART NUMBER	DESCRIPTION
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EL Honeycomb Flat	Flat honeycomb tack electrode
EL Honeycomb Radius	Radiused honeycomb tack electrode



MEL AG	Square, adjustable gap Glidcop micro electrode for micro weld head. 0.015" x 0.025" face tip. Best for fine, non-coated, resistive wires. One pair.
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MEL AMO	Square, adjustable gap molybdenum micro electrode for micro weld head. 0.015" x 0.025" face tip. Best for fine, non-coated, conductive wires. One pair.
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MEL BMO	Square, fixed/bonded 0.0015" gap molybdenum micro electrode for micro weld head. 0.010" x 0.010" face tip. Best for very fine, non-coated, conductive wires. One pair.
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MEL TCB 25x25 Tung	Micro thermocompression bonded electrode with a 0.25mm x 0.25mm flat face. Five electrodes per package.
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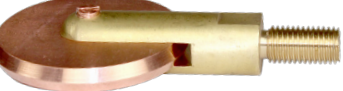
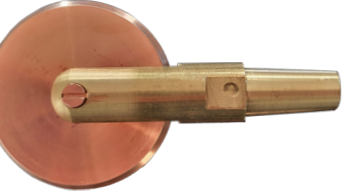



MEL TCB FL	Micro thermocompression bonded 1/8" tungsten electrode. For use with fine magnet wires using low voltages during the welds. Five electrodes per package.
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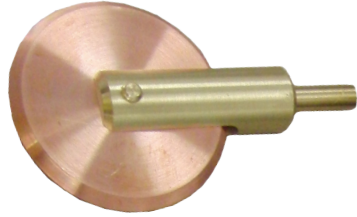
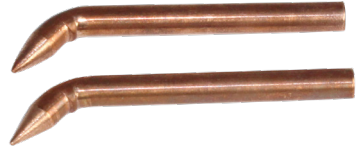


MEL TCB SL	Micro thermocompression bonded 1/8" slant tungsten electrode. For use with fine magnet wires using low voltages during the welds. Designed to weld and 'cut' simultaneously. Five electrodes per package.
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PART NUMBER	DESCRIPTION	
MEL TCB SmFI	Micro thermocompression electrode with a small, flat face: 0.4mm x 0.5mm. Perfect for small magnet wires. Five electrodes per package.	
MEL TCB SY	Micro thermocompression bonded symmetrical 1/8" tungsten electrode. For use with very fine magnet wires, using very low voltages during welds. Very precise. Five electrodes per package.	
MEL TCB U	Micro thermocompression bonded symmetrical 1/8" tungsten U-shaped electrode. For use with larger magnet wires, using higher voltages during welds. Five electrodes per package.	
EL PG Threaded	Threaded 3/8" diameter, tapered, copper electrode for PG2 and PG1 handpieces.	
EL PG Wheel Threaded	Threaded 2" copper wheel electrode for PG2 handpiece.	
EL Wheel Compression	Compression style, 2" copper wheel electrode for PG3W handpiece.	
EL PG Adapter 125	Threaded adapter for PG hand pieces. Accepts 1/8" electrode.	
EL PG Adapter 187	Threaded adapter for the PG hand pieces. Accepts 3/16" electrode.	
EL PG Adapter 250	Threaded adapter for PG hand pieces. Accepts 1/4" electrode.	



PART NUMBER	DESCRIPTION	
EL Wheel Post	Pressure-actuated, single probe wheel hand piece.	
EL125RWMA-ANG	3" angled copper electrodes with 1/8" diameter. One pair	
EL187RWMA-ANG	3" angled copper electrodes with 3/16" diameter. One pair.	
EL187MOLY-ANG	3" angled molybdenum electrodes with 3/16" diameter. One pair.	

Sunstone Battery Welding Solutions

Build a better battery with the Sunstone's king of copper welding technology!

PART NUMBER	DESCRIPTION	
PA250i PS	Sunstone PA250i welding system, up to 250 joules of energy, swing arm with microscope, and accessories.	
Omega PAWH	Sunstone Omega PAWH weld head designed for battery welding. Larger head mounted on extruded aluminum with all accessories	
Omega PAWH-CNC	Sunstone Omega PAWH-CNC weld head designed for use on a Cartesian CNC table or Robot for battery welding.	



For Very, Very, Very, Small Wire Welding *Introducing the Picó™ and Micro E™ Duo*

We didn't add premium microscopic optics on the Sunstone Micro E weld head just for looks. When paired with the Sunstone Picó DC welder you can work with wires as small as 25 microns. And with **closed-loop feedback** and **built-in force and displacement monitoring**, you won't find a better welding solution for your automated production line—specifically designed for thermocompression and fine wire welding!



Call or text **+1 801-658-0015**
Visit www.sunstonewelders.com/pico

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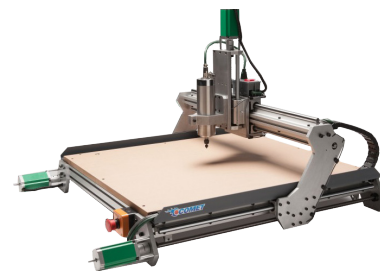
The Micro Welder Experts



Sunstone CNC Systems

Pair Sunstone's advanced micro welding technology with efficient robotics!

PART NUMBER	DESCRIPTION
CNCC-6050	CNC Cartesian robot and controls CNCC-6050 - 600mm x 500mm x 100mm Travel
CNCC-5050	CNC Cartesian robot and controls CNCC-5050 - 500mm x 500mm x 100mm Travel
CNCC-4040	CNC Cartesian robot and controls CNCC-4040 - 400mm x 400mm x 100mm Travel
CNCC-3030	CNC Cartesian robot and controls CNCC-3030 - 300mm x 300mm x 100mm Travel
CNCP-3750	CNC Table and controls CNCP-3750 - 37" x 50" x 5" Travel
CNCP-2550	CNC Table and controls CNCP-2550 - 25" x 50" x 5" Travel
CNCP-2537	CNC Table and controls CNCP-2537 - 25" x 37" x 5" Travel
CNCP-2525	CNC Table and controls CNCP-2525 - 25" x 25" x 5" Travel


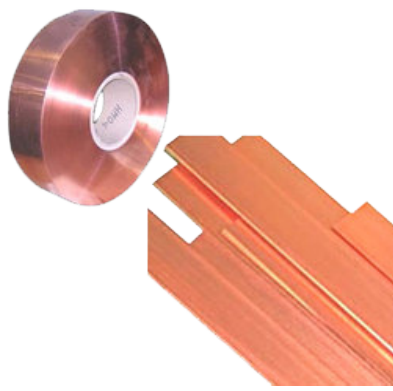



Sunstone Battery Welding Materials and Accessories

Find all of your battery welding supplies at Sunstone!

PART NUMBER	DESCRIPTION
SN Precut Sample	Nickel Precut Sample Pack
SN125N34_.80	Nickel pre-cut tab 0.0625" w x 0.003" t x 0.08" l. 250 pieces
SN125N54 .75L	Nickel pre-cut tab 0.125" w x 0.005" t x 0.75" l. 250 pieces.
SN250N54 1.125L	Nickel pre-cut tab 0.25" w x 0.005" t x 1.125" l. 250 pieces.
SN375N54 1.125L	Nickel pre-cut tab 0.375" w x 0.005" t x 1.125" l. 250 pieces.



PART NUMBER	DESCRIPTION	
SN Spooled Sample SN0625N34	Nickel Spool Sample Pack Nickel strip spooled, 0.0625" w x 0.003" t x 25' l.	
SN125N34	Nickel strip spooled, 0.125" w x 0.003" t x 25' l.	
SN125N54	Nickel strip spooled, 0.125" w x 0.005" t x 25' l.	
SN250N54	Nickel strip spooled, 0.25" w x 0.005" t x 25' l.	
SN375N54	Nickel strip spooled, 0.375" w x 0.005" t x 25' l.	
SC500N10	Copper strip spooled, 0.5" w x 0.010" t x 25' l.	
Fish Paper	Adhesive fish paper, 8.75" x 11.75", 0.01" thick. 10 sheets.	



PART NUMBER	DESCRIPTION
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TM6.8KR	Battery pack thermistor for Milwaukee, Hitachi, and Hilti.
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TM10KA	Battery pack thermistor for Snap-On.
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TM10KARB	Battery pack thermistor for Dewalt, Rigid, and Makita.
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ESHG	External switch connection cable
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Foot Switch 3 Pin	3 PIN foot pedal with 8' trigger cable.
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sunstone™

The Micro Welder Experts

Sunstone Engineering LLC
1693 W American Way Ste 5 • Payson UT 84651 USA
Tel. +1 801-658-0015
www.sunstonewelders.com



中国总代理:

上海杰龙电子工程有限公司

上海市闵行区瓶安路1358号久创科技园3号楼一层(北)

Floor.1 (North Zone), No.3 Building, No.1358 PingAn Rd. Everpower Hi-tech Park, Minhang district, Shanghai 201109 P.R. China
Tel : (86)21-51097866(10线) Fax:(86) 21-54451210 邮编: 201109 <http://www.jamron.com> E-mail:info@jamron.com