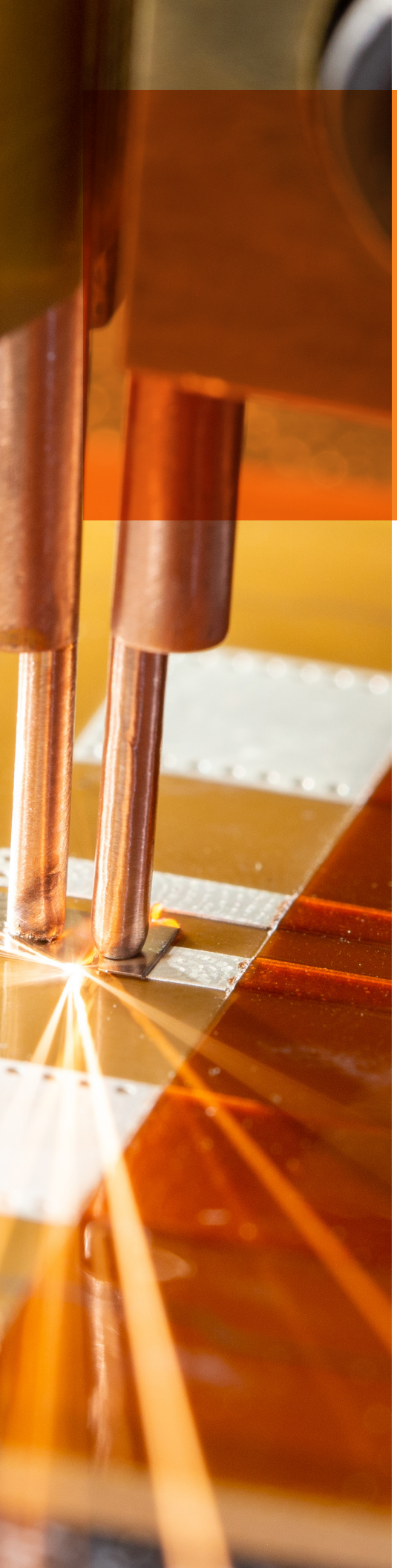
WAVE AC™

THE WORLD'S MOST ADVANCED **AC RESISTANCE WELDER**



WAVE AC™

Introducing the world's most advanced AC resistance welder — Only from Sunstone

The Sunstone Wave AC is the world's most advanced AC resistance welder capable of delivering up to 2,700 amperes. The Wave AC is the only AC resistance welder newly designed for the 21st century. Using advanced electronics, the Wave AC significantly increases energy precision resulting in improved welding results.

The heart of the Wave AC's performance is absolute digital energy control via a 10-inch color touchscreen display and a newly designed transformer with supporting circuitry comprising state-of-the art electronic components. Combined, the digital control of advanced electronics provides medical device manufacturers, battery manufacturers, and the automotive industry with a welding solution that can boost productivity and quality.

A 10" touchscreen display provides absolute digital energy control that improves precision and welding results.

The Wave AC incorporates state-of-the-art electronics and newly designed transformer for unparalelled results.

AC

The large touchscreen display provides an unprecedented visualization of all welding parameters as a waveform. As the operator makes changes to any parameter the Wave AC will update the waveform accordingly, allowing the operator to visualize how energy will be delivered to the work piece. Full digital control simplifies the process of creating a set of welding parameters that will deliver the best results. The operator can save any set of parameters for later use.

The Wave AC is an outstanding welding solution for continuous seam welds, foil welding, pouch cell welding, mesh or screen welding, hermetic sealing, and filter production applications. For semi-automated manufacturing environments that rely upon an AC welder, the Wave AC is an exceptional solution due to an easy-to-use and easy-to-learn operator interface, advanced electronics, and better welding results.

To learn more call or text +1 801-658-0015
or visit www.sunstonewelders.com

sunstone
The Micro Welder Experts

WAVE AC

Sunstone Wave AC Technical Specifications

LOAD		OUTPUT							
	Power Range	1	1	2	2	3	3	4	4
	Phase	40%	100%	40%	100%	40%	100%	40%	100%
2.2mΩ									
	Power (kVA)	0.13	1.6	0.15	2.16	0.25	3.72	0.39	5
	Voltage (V)	0.6	1.52	0.66	1.8	0.84	2.36	1.04	2.8
	Current (A)	225	1050	225	1200	300	1575	375	1800
1.1mΩ									
	Power (kVA)	0.14	1.35	0.17	1.95	0.26	2.87	0.38	4.13
	Voltage (V)	0.6	1	0.64	1.3	0.8	1.5	0.9	1.9
	Current (A)	240	1350	270	1500	330	1913	420	2175
0.55mΩ									
	Power (kVA)	0.13	1.26	0.15	1.69	0.24	2.75	0.34	3.67
	Voltage (V)	0.44	0.8	0.48	0.92	0.6	1.08	0.68	1.36
	Current (A)	285	1575	315	1838	405	2250	495	2700

TABLETOP FOOTPRINT (L X W X H)	18.9 x 12.5 x 11.9 inches
UNIT WEIGHT	98lbs
INPUT VOLTAGE	200VAC - 250VAC SINGLE PHASE
FREQUENCY RANGE	50-60 Hz
POWER FACTOR (typ.)	PF>0.94/230 VAC
POTENTIAL PEAK INPUT	30A/230 VAC
ACTUAL AVERAGE CURRENT (WELDING)	2.85A - 27A
SINGLE CYCLE AND REPEAT CYCLE	AVAILABLE
SEAM MODE	AVAILABLE
PERCENT PHASE ADJUSTMENT	40-100%
HALF CYCLE MODE	AVAILABLE

WELD PULSE CHARACTERISTICS	
MIN AND MAX OUTPUT (Power)	0.13kVA to 5kVA
MIN AND MAX VOLTAGE	0.44V–2.8V
MIN AND MAX CURRENT	225A to 2700A
MIN AND MAX PULSE WIDTH	16.67ms (1 cycle), 500ms (30 cycles)