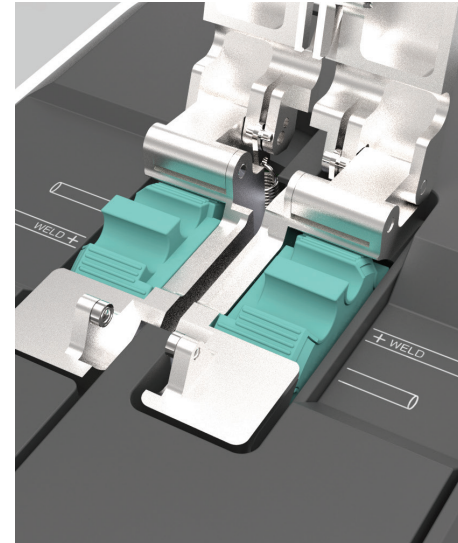


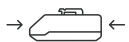


Tube welding challenges

Reliable, sterile tube welding is essential for R&D and bioprocess applications, yet current welders present significant limitations. Traditional systems are bulky, heavy, and tied to fixed power sources, making them difficult to mobilize across the lab. They often require costly consumables, lack user-friendly operation, and restrict flexibility when handling different tubing types. These constraints slow research, increase costs, and create frustration for scientists who need portability and efficiency.

The Ensorcell™ solution

The Versaweld™ sterile welder delivers versatility, portability, and affordability in a compact, patent-pending system. Designed to move seamlessly between benches, hoods, and production environments, Versaweld streamlines workflow and usability in any lab setting. Its all-in-one design performs sterile dry-to-dry, dry-to-wet, and wet-to-wet welds quickly and reliably—eliminating single-use blades while ensuring consistent results. By merging performance with practicality, Versaweld empowers researchers to weld where and how they need, advancing tube welding for modern science.



Compact

Save space in crowded labs and counter tops.



Versatile

Weld tubes of 6 different diameters and 4 different materials.



Portable

Easily move around to different locations in the lab.



Battery powered

Efficiently engineered to increase product accessibility.



User-centered

Designed with the scientist and their workflow in mind.



Affordable

Expertly engineered to deliver maximum cost efficiency.



Always ready for the next weld

With Versaweld, you don't have to pause to replace blades after each weld. Versaweld uses an auto-feeding, spooled stainless steel ribbon that allows for 150 sterile welds, without changing the cutting implement, also reducing costly sharps waste. This ribbon performs cutting and allows for fusing operations on sterile tube segments while preventing fluids within the tubes from contacting the outside environment.

Contact

info@ensorcell.bio

Visit **ensorcell.bio** to learn more about our products.

TUBE COMPATIBILITY	
Tube sizes supported	5/32" to 3/8" (outer diameter)
Tubing materials supported	PVC, C-Flex, PharMed, Advantaflex
Weld types	Dry / dry, wet / dry, wet / wet
Sterility assurance	Made for aseptic connections without contamination risk
POWER & PORTABILITY	
Power source	AC120V - AC240V with Ensorcell rechargeable power supply
Battery capacity	150 welds
Battery life	> 63% of original capacity after 300 charge/discharge cycles
Charging time	< 4 hours
Cordless operation	Yes
Weight	9 lb
Dimensions	12.1" L x 7.6" W x 5.2" H
WELD PERFORMANCE	
Weld cycle time	< 30 seconds
Weld quality	Repeatable, seal integrity, leak-resistance per ISO 3826
Number of welds per cassette	150 max
Disposable parts	Blade-free design or cassette-only disposables
Maintenance	Tool-less cassette change, self-calibration
Accessories	Cassette refills, carrying case, screen cleaning kit, warranty info

Specifications subject to change.