

GENESIS

RAPIDWELD™ II STW

sterile tube welder

SPECIFICATIONS

Model	GRW-430-02
Catalog	480-RW-2607-02
Tubing Material	Polyvinyl Chloride (PVC)
Tubing Specifications	Outer Diameter (OD): 3.98 mm to 4.88 mm Inner Diameter (ID): 2.91 mm to 3.23 mm Wall Thickness (WT): 0.55 mm to 0.85 mm

Length	33 cm (13 in)
Width	14.2 cm (5.6 in)
Height	9.9 cm (3.9 in)
Weight	2.5 kg (5.5 lbs)
Power Cord	Power supply output cord length: 1.3 m (4 ft) Power supply inlet: IEC 60320-C13 North American and International cord sets are available

Power Supply Input Voltage	AC 100-240V
Operating Current	~ 1.0 A
Frequency	50/60 Hz
Power Supply Output	DC 12V, 7.08A max, 85W max
Power Consumption	70 Watts max

Optimal Operating Temperature	10°C – 40°C ambient (50°F – 104°F)
Storage Temperature	10°C – 40°C ambient (50°F – 104°F)
Relative Humidity	10% – 90% (avoid condensing atmosphere)
Nominal Weld Cycle Interval	15 seconds

The Genesis RapidWeld™ II STW Sterile Tube Welder received 510K clearance on July 15, 2022.
Electrical safety, 61010-1, Edition 3 & IEC 61010 2-010: 2019, Edition 4.
RapidWeld™ II STW Sterile Tube Welder is manufactured and distributed by Genesis BPS, Ramsey, NJ, USA.
RapidWeld is a registered trademark of GenesisBPS LLC.
For patent information: www.genesisbps.com/patents

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RAPIDWELD™ II STW

sterile tube welder

More than just a sterile connection

- Improve Efficiency
- Maintain Sterility
- Drive Reliability



Re-imagining sterile connections through advanced technology and innovative design

Single Blade Module

- Stainless steel blade for continuous welding
- Increase operator efficiency and speed
- Quick and easy blade replacement
- Blade module kits: 250, 500 & 1000 welds



Blade Module

Patented Infrared Heating Element

- Maintains a high temperature to assure weld sterility
- Consistent temperature improves weld integrity



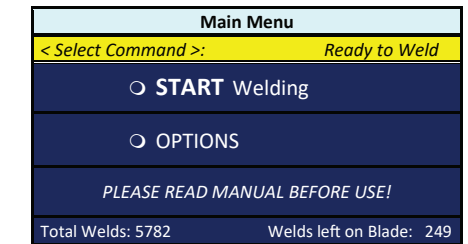
Accommodates Short Tubing

Lid Design and Lock Mechanism

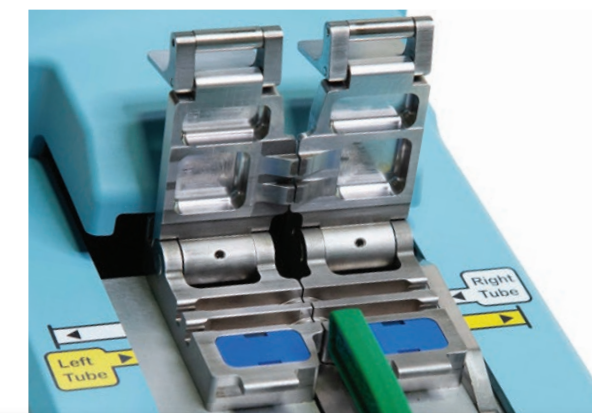
- Protects operator during welding process
- Ensures clamps are closed properly
- Allows for short tubing applications
- Avoids interruption of the welding process

User Friendly Interface

- LCD color touch screen with step-by-step Instructions.
- Easy to use menu driven interface with audio & visual alarms
- Languages: English, French, German, Italian, Portuguese & Spanish



LCD Touch Screen



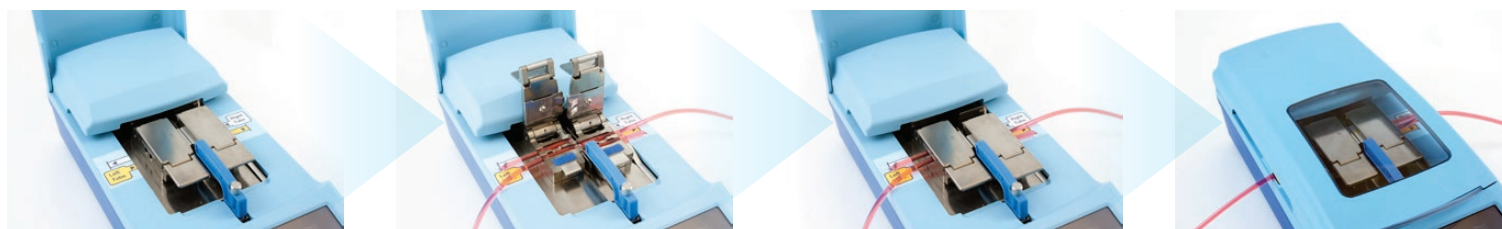
Tube Holder Clamps

Unique, patented clamp design strips fluid away from the weld site and keeps tubing secure.

- Components can be loaded on either side
- Eliminates side specific loading restrictions
- Parallel tube loading
- Clearly marked indicators for operator guidance

CREATE STRONG RELIABLE WELDS IN 15 SECONDS

Fast and easy with step-by-step instructions



FLEXIBILITY

CONNECT ANY COMBINATION OF WET AND DRY PVC TUBING

Maximize the shelf life of valuable blood products...

- Pathogen reduction processing
- Bacterial testing
- Cell washing and freezing
- Component pooling
- Component aliquots
- Leukoreduction
- Apheresis set modification
- Cellular Therapy
- Quality control sampling
- Collection set modification
- Transferring research samples
- Other PVC applications