

SPECIFICATIONS

Model	GRW-430
Tubing Material	Polyvinyl Chloride (PVC)
Tubing Size	Outer Diameter (OD): 3.95 mm to 4.55 mm Inner Diameter (ID): 2.80 mm to 3.10 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 cordsets 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	14-15 seconds

RapidWeld is a registered trademark of Genesis BPS LLC.
Made under U.S. Patent Nos. 7,398,813; 8,066,269 and 8,708,019



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Genesis RapidWeld™ STW

Sterile Connection Advanced Technology Modern Design

- The RapidWeld™ STW yields accurate, reliable, sterile welds without the requirement of a heated consumable copper wafer.
- The RapidWeld™ STW can improve operator efficiency and maximize the shelf life of valuable blood products.
- The RapidWeld™ STW sterile tube welder is an approved sterile connection device with the ability to produce non-contaminating welds.
- The RapidWeld™ STW is easy to use, cost effective and an eco-friendly device designed to produce sterile welds using an innovative approach to sterile tube welding.



Features and Benefits

Advanced Blade Module

The stainless steel blade permits continuous and uninterrupted welding with no jamming.

- Increase operator efficiency and speed
- Notifies user when blade replacement is required
- Blade module kits: 250, 500 & 1000 welds

User Interface with LCD Touch Screen Display

LCD color touch screen (4" x 3") display provides operator with step-by-step instructions for performing welds.

- Easy to use menu driven interface with audio & visual alarms
- Languages: English, French, German, Italian, Portuguese & Spanish

Infrared Heating Element

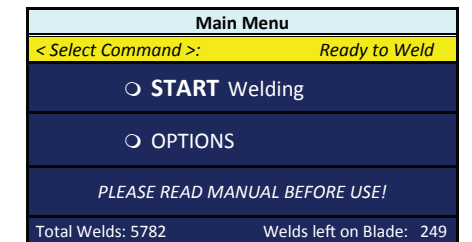
- Designed for continuous operation
- Maintains a high temperature to assure weld sterility

Lid Lock Mechanism

- Protects operator during welding process
- Avoids unintentional interruption of the weld



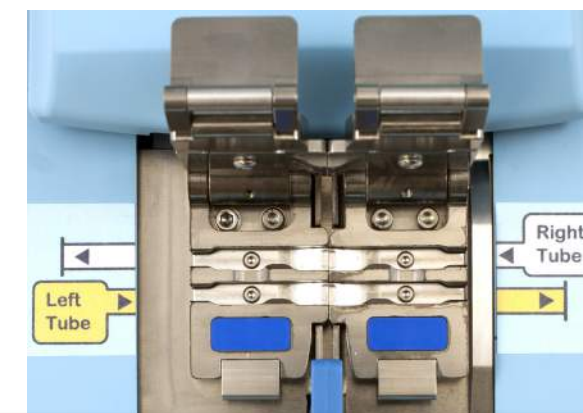
Blade Module



LCD Touch Screen



Infrared Heating



Patented Tube Holder Clamps

Unique clamp design strips fluid away from the weld site and keeps tubing securely in place. This process can help eliminate blood cell necrosis in blood products.

- Parallel tube loading for quick and simple use
- Clearly marked indicators for operator guidance

CREATE STRONG RELIABLE WELDS IN 14-15 SECONDS

Fast and easy step-by-step welding process



FLEXIBILITY

CONNECT ANY COMBINATION OF WET AND DRY PVC TUBING

Applications include, but are not limited to:

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