# GENESIS™

# RAPIDWELD™ II STW

## Sterile Tube Welder

**MODEL# GRW-430-02**
**CAT# 480-RW-2607-02**




## Redefining sterile welding with waferless technology and infrared heat.

The GENESIS™ RapidWeld™ II STW Sterile Tube Welder features a waferless design that eliminates consumable wafers and reduces operating costs. Its advanced infrared heating system delivers fast, consistent sterile connections for PVC tubing used in blood processing, cell therapy, and laboratory applications.

GENESIS BPS™
Technology is in our Blood.℠

*More than just a sterile connection*

- Improve Efficiency
- Maintain Sterility
- Drive Reliability



## Redefining 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



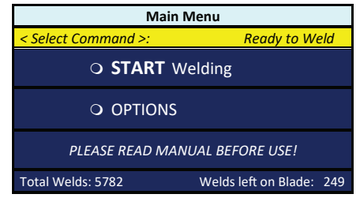
Accommodates Short Tubing

### Lid Design and Lock Mechanism

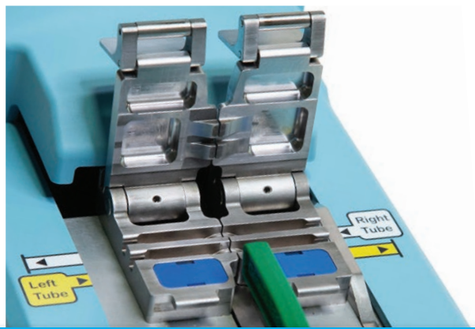
- Protects operator during welding process
- Ensures clamps are closed properly
- Allows for short tubing applications
- Avoids interruption of the welding process

### Intuitive Touchscreen Interface

- Full-color LCD display with guided operation
- Clear menu navigation with audio and visual alerts
- Languages: English, French, German, Italian, Portuguese & Spanish




LCD Touch Screen

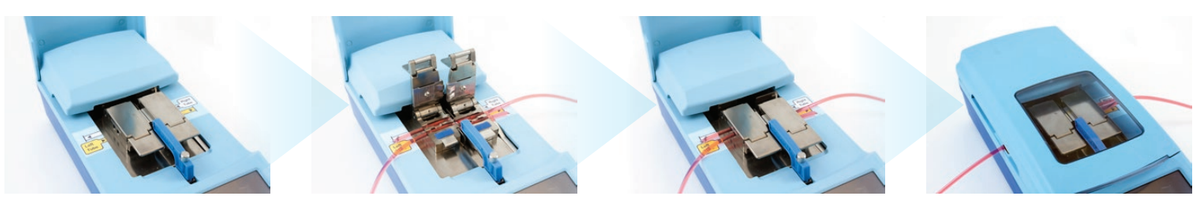



### Tube Holder Clamps

- Patented design strips fluid away from the weld site and secures tubing
- Load wet or dry components on either side
- Parallel tube loading with indicators for accurate placement

## 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

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# RAPIDWELD™ II STW

## Sterile Tube Welder

## Waferless and cost-effective sterile tube welder.

| Ordering Information | RapidWeld™ II STW |
|---|---|
| Model# | GRW-430-02 |
| CAT# | 480-RW-2607-02 |

| Specifications | |
|---|---|
| Tubing Material | Polyvinyl Chloride (PVC) |
| Tubing Specifications | Outer Diameter (OD): 3.98mm to 4.88mm<br>Inner Diameter (ID): 2.91mm to 3.23mm<br>Wall Thickness (WT): 0.55mm to 0.85mm |
| Dimensions | 13"L x 5.6"W x 3.9"H<br>330mm W x 142mm H x 99mm D |
| Weight | 5.5 lbs / 2.5Kg |
| Power Cord | Power Supply Output Cord Length: 1.3 m (4 ft)<br>Power Supply Inlet: IEC 60320-C13<br>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 7 | 0 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 |
| Warranty | 1 year |



*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, Mahwah, NJ, USA.*
*RapidWeld is a registered trademark of GenesisBPS LLC.*

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