**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>GRW-430</th>
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<tbody>
<tr>
<td>Tubing Material</td>
<td>Polyvinyl Chloride (PVC)</td>
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</tbody>
</table>
| 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  
GRW-430 Model  
Polyvinyl Chloride (PVC) Tubing Material  
Tubing Size: Outer Diameter (OD): 3.95 mm to 4.55 mm  
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**GENESIS**  
Where the global bloodstream begins  
www.GenesisBPS.com
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

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

Applications include, but are not limited to:
- Pathogen reduction processing
- Bacterial testing
- Cell washing and freezing
- Component pooling
- Component aliquoting
- Leukoreduction
- Aphereresis set modification
- Cellular Therapy
- Quality control sampling
- Collection set modification
- Transferring research samples
- Other PVC applications

CREATE STRONG RELIABLE WELDS IN 14-15 SECONDS

Fast and easy step-by-step welding process

CONNECT ANY COMBINATION OF WET AND DRY PVC TUBING