STANDARD FEATURES INCLUDE:
• Automatic Frequency Tuning
• Multiple Job Storage
• Digital Force Triggering
• Calibration Pulse Prior to Every Weld Cycle
• Back-Lit LCD Display
• Ultrasonics Load Meter Scale
• Upper and Lower Weld Limit Settings
• Printer Output Port (RS232)
• Optional PLC I/O (Input/Output) Ports
• Soft Start Overload Protection Circuitry
• Load Regulation Circuitry
• Distance Mode Settings in English or Metric Units**

Leaders in the field of ultrasonic plastics welding equipment and technology since 1969, Sonics & Materials offers its new line of GX-Series ultrasonic power supplies, combined with 15 kHz welders, for welding medium to large-sized parts at higher amplitudes.

The new GX-Series provides microprocessor control and consistent reliability for every application. Power supplies are available in low or high profile chassis (as detailed below) and feature smart-logic, user-friendly keypad navigation. Line voltage phase angle regulation allows for single phase power requirement and promotes conservation of on-demand electrical energy.

POWER SUPPLIES

**Requires optional linear encoder

for more information: 1-800-745-1105  www.sonics.com
model 1595 features

- Single Piece Rigid Cast Aluminum Base and Column Hub
- Dual Column Low Friction Linear Bearings
- Direct In-Line Air Cylinder
- Motorized Actuator Head Up and Down Switches
- Motorized Actuator Head Up and Down Adjustment
- Front Panel Pneumatic Pressure and Speed Up and Down Controls
- Linear Encoder for Distance Welding (optional)

specifications, additional features and options

- Dual Cycle Start Buttons: Standard
- Non-Contact Cycle Start Buttons: Optional
- Front Emergency Stop: Standard
- Adjustable Positive Stop: Standard
- Automation Limit Switches: Optional
- 360° Snap-In Stack Assembly: Standard
- Stand Alone Column Hub: Optional
- Extended Length Column: Optional
- 3.75" (95.3) Column Diameter: Standard
- 4" (101.6) Stroke Air Cylinder: Standard
- Air Cylinder Bore Diameter: 4" (101.6)
- Clamping Force at 90 PSIG: 1130 lbs. (5026n)
- Input Voltage: 220 VAC
- Weight (1595): 280 lbs. / 127.0 kg

dimensional data
All Dimensions: Inches (mm)

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
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<tbody>
<tr>
<td>56.00 (1422.4)</td>
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<tr>
<td>6.00 (152.4)</td>
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<tr>
<td>19.00 (482.6) MAXIMUM</td>
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<td>3.75Ø (95.2)</td>
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<td>3/8-16 TYPICAL</td>
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<td>9.25Ø (235.0) TYPICAL</td>
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<td>10 (254.0)</td>
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optional stand-alone hub

Registered by UL to ISO 9001

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