Unsurpassed Quality, Repeatability and Accuracy

TXR SHF Series of high frequency generators are designed for safety, reliability, ease of installation, calibration and operation. The SHF generators deliver rapid and accurate access to technique parameters for both film and digital imaging, reducing patient dose, providing exposure accuracy, efficient operation and extended tube life.

Choose from a variety of 5 power ratings from 32 kW to 80 kW output to accurately meet the needs and budget of any practice.

Worldwide acceptance of the SHF generators confirms the unsurpassed performance and reliability.

Tingle X-Ray LLC
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Complies with FDA and Product Safety Requirements. • Specifications Subject to Change Without Notice
## Technical Specifications

### Constant Potential Power Ratings

<table>
<thead>
<tr>
<th>Power</th>
<th>32 kW</th>
<th>40 kW</th>
<th>50 kW</th>
<th>64 kW</th>
<th>80 kW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radiographic kVp Range in 1 kVp Steps Accuracy</td>
<td>40 - 125 (150 optional)</td>
<td>40 - 125 (150 optional)</td>
<td>40 - 125 (150 optional)</td>
<td>40 - 125 (150 optional)</td>
<td>40 - 150</td>
</tr>
<tr>
<td>mA Range &amp; Stations Accuracy</td>
<td>10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100, 125, 160, 200, 250, 320, 400</td>
<td>10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100, 125, 160, 200, 250, 320, 400, 500</td>
<td>10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100, 125, 160, 200, 250, 320, 400, 500, 640</td>
<td>10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100, 125, 160, 200, 250, 320, 400, 500, 640</td>
<td>10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100, 125, 160, 200, 250, 320, 400, 500, 640</td>
</tr>
<tr>
<td>Exposure Time Range Accuracy</td>
<td>0.001 - 10 seconds ± (2% + 0.1 ms)</td>
<td>0.001 - 10 seconds ± (2% + 0.1 ms)</td>
<td>0.001 - 10 seconds ± (2% + 0.1 ms)</td>
<td>0.001 - 10 seconds ± (2% + 0.1 ms)</td>
<td>0.001 - 10 seconds ± (2% + 0.1 ms)</td>
</tr>
<tr>
<td>AS Range (*)</td>
<td>0.1 - 500 mAs (*)</td>
<td>0.1 - 500 mAs (*)</td>
<td>0.1 - 500 mAs (*)</td>
<td>0.1 - 500 mAs (*)</td>
<td>0.1 - 500 mAs (*)</td>
</tr>
<tr>
<td>High Voltage Ripple (Typ)</td>
<td>&lt;1 kVp @ 100 kVp</td>
<td>&lt;1 kVp @ 100 kVp</td>
<td>&lt;1 kVp @ 100 kVp</td>
<td>&lt;1 kVp @ 100 kVp</td>
<td>&lt;1 kVp @ 100 kVp</td>
</tr>
<tr>
<td>Automatic Exposure Control</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Buckys (2 Standard)</td>
<td>Optional up to 4</td>
<td>Optional up to 4</td>
<td>Optional up to 4</td>
<td>Optional up to 4</td>
<td>Optional up to 4</td>
</tr>
<tr>
<td>Integrated High Speed Starter</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Line Voltage Range (Vac) and Phases</td>
<td>208/240/380/480 Single Phase/Three Phase</td>
<td>208/240/380/480 Single Phase/Three Phase</td>
<td>208/240/380/480 Single Phase/Three Phase</td>
<td>380/480 Three Phase</td>
<td>380/480 Three Phase</td>
</tr>
<tr>
<td>Automatic Line Compensation</td>
<td>±10%</td>
<td>±10%</td>
<td>±10%</td>
<td>±10%</td>
<td>±10%</td>
</tr>
</tbody>
</table>

*640 mAs Optional

### Standard Features Summary

- 8 Anatomical Regions, 8 Views per Region
- Patient Measurement Can be Entered for Automatic Technique Adjustment
- Settings Pre-Programmed for 200, 400 and 800 Speed
- Digital Displays
- Automatic Line Compensation
- Tube Protection
- Table Mount
- Exposure Hand Switch
- Self Diagnostics with Error Code Reporting
- Automatic Calibration
- UL/CE/FDA Listed

### Option Summary

- AEC (Automatic Exposure Control)
- Various Power Line Operation
- 150 kVp
- Battery Operated, 32, 40 and 50 kW (115 or 220 VAC operation)
- 640 mAs
- Pedestal
- High Speed Starter
- Touch Screen Control Console

### Power Cabinet Specifications

**Line Powered**

**Dimensions**
27.16" H x 23.3" W x 14.2" D
(69 cm x 59 cm x 36 cm)

**Weight**
209 lbs / 95 kg

**Battery Operated**

**Dimensions**
37.32 H x 32 W x 17.2 D
(95 cm x 81 cm x 44 cm)

**Weight**
518 lbs / 235 kg

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