XR150
X-RAY GENERATOR

150 kVp pulsed X-ray machine

Golden Engineering
Portable X-ray Technology
The redesigned XR150 has a 16 character LCD (8x2), menu based interface and is powered by a DeWalt 12v Li-Ion battery

FEATURES

- Pulse setting up to 999 counts
- Program countdown delay timing (5-240 seconds)
- Set multiple pulse trains
- Select time delay between pulse trains.
- Records total life pulses on source
- Resettable pulse tracker
- Select 1 or 3 pulses per count in software
- Variable pulse rate (1 pulse per second or slower)
- DeWalt® battery and charger (110v and 220v available)
- Retro-fit existing XR150 Generators
- 21mm Picatinny Rail option for mounting accessories
- Battery charges in 40 minutes
- Easy grip housing with removable handle
- Threaded insert for tripod
- Tie off points for custom handles and fasteners

HIGHLY PORTABLE

- Source with battery is 20% lighter than previous version
- Kit weighs 13.4 lb; 32% less than predecessor
- Compact case size is 35% smaller in volume (13”H x 7”W x 17”L)
- Battery weighs less than .5 lb (.23 kg)

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>Power</td>
<td>DeWalt® 12v Li-Ion Battery</td>
</tr>
<tr>
<td>Weight</td>
<td>4.70 lb / 2.13 kg (including battery)</td>
</tr>
<tr>
<td>Output dose</td>
<td>Avg. 3.1 mR/count, measured 12” from source</td>
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<tr>
<td>Pulse rate</td>
<td>4 counts per second</td>
</tr>
<tr>
<td>Counts per charge</td>
<td>1700 counts (5100 pulses)</td>
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<tr>
<td>Source size</td>
<td>1/8” (3mm)</td>
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<tr>
<td>Max photon energy</td>
<td>150 kVp</td>
</tr>
<tr>
<td>Pulse width</td>
<td>50 nanoseconds</td>
</tr>
<tr>
<td>Beam angle</td>
<td>40 degree standard</td>
</tr>
<tr>
<td>Current Draw</td>
<td>6.8 amps</td>
</tr>
<tr>
<td>Max duty cycle</td>
<td>100 counts (300 pulses) per 4 minutes</td>
</tr>
<tr>
<td>Warranty</td>
<td>1 year limited parts, labor, service</td>
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</table>

Dimensions

- Height: 4.07” (10.34cm)
- Width: 3.03” (7.70cm)
- Length: 9.08” (23.06cm)

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WEB: www.goldenengineering.com
PH: 765-855-3493
EM: sales@goldenengineering.com