Polaroid

Rextar X
Portable Handheld X-Ray Generator

FDA REGISTERED
K132041

Polaroid Website: polaroidhealth.com E-Mail: info@polaroidhealth.com Phone: 1-844-789-5050
Better Images
- 0.4mm Focal spot for clearer images
- 70 kV to push through cheek bones at lower exposure times.
- Improved contrast and bone density images
- Always aimed right, no drifting X-ray arms or patient movement
- Fidgety children tend to sit still for the "Camera"

Efficient
- Improved workflow, Clear images every time.
- Less Cool down time as compared to others
- Less retakes, Cone cuts
- FMX's in less than 4 minutes.
- Over 300 exposures per Battery charge

Portable
- Compact and light, just over 5lbs. (includes battery and scatter shield)
- Fast and easy to move from room to room
- Great for elderly, or physically challenged patients
- Great for Mobile dentistry, Community outreach, or Mission trips

Ease of Use
- Lightweight Camera style design with neck strap
- Easy to hold and position like a camera
- Less fatigue and strain as with gun style units.
- Intuitive operation, well placed controls, large display numbers

Innovative Features
- Programmable "Smart Buttons" save time
- Largest Display Screen in its class
- Safety Lock Feature prevents accidental X-ray discharge or patient tampering
- Self diagnostics every time it is turned on.

Safety
- Tested to produce least amount of absorbed radiation
- Double lead shielded for Zero detectable leakage.
- Lead Infused scatter shield provides a safe zone for the operator.
- 70 kV only requires nearly half the exposure time as 60kv units.
- Polaroid HealthCare provides remote, video, and in-office staff training.
- Certified by most worldwide safety organizations

Improved Patient Experience
- Reduced X-ray exposure levels
- Patient peace of mind by being at their side during X-rays
- Increased parent confidence when taking pedo X-rays
- Reduced anxiety for X-ray phobic patients

Affordable
- Reduced equipment cost & service calls
- No installation or special construction required
- One Rextar X can cover up to 4 rooms.
- Faster turn around time, increase production with the saved staff time.

---

<table>
<thead>
<tr>
<th>Type</th>
<th>High frequency inverter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power output</td>
<td>140W</td>
</tr>
<tr>
<td>Power requirement</td>
<td>11.1 VDC</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx 5lbs</td>
</tr>
<tr>
<td>Battery charger</td>
<td>100-240 VAC, 50-60Hz 1.7 A</td>
</tr>
<tr>
<td>Tube kV/mA</td>
<td>70kV/2 mA (fixed)</td>
</tr>
<tr>
<td>Focal spot</td>
<td>0.4 x 0.4 mm</td>
</tr>
<tr>
<td>Inherent filtration</td>
<td>&gt;15mm AL</td>
</tr>
</tbody>
</table>

Rextar-X 70 kV 2mA Handheld X-ray Generator system P01-101
Rextar-X 11.1Volt DC Replacement Battery P01-201
Rextar-X One-Yr Accidental Breakage Program P01-600
Polaroid Ring & Rod kit for Rextar handheld (uses most Bite Blocks) P01-504

FDA registration # K132041

---

Dealer Contact info
Contact your local dealer for a free demo

Rextar - X is a product of Posdion Co., Ltd. and is available through authorized Polaroid HealthCare Dealers

---

Have questions? We’ve got answers. Visit us at polaroidhealth.com or give us a call at 1-844-789-5050

© 2021 All Rights Reserved! Polaroid, Polaroid Color Spectrum and Polaroid Classic Border Logo are trademarks of PLUH Holdings, LLC, used under license. PLUH Holdings, LLC does not manufacture this product or provide any Manufacturer's Warranty or support.

---

1. Request free X-Ray Absorbed Dose White Paper at info@polaroidhealth.com
2. Univ. of CASP study - updated May 2021 https://knowyourdose.ucsf.edu/how-much-radiation
3. Based on 5,200 near Miss full 1.0 second exposures, not the normal 0.24 or less Rextar X exposure times.
4. NRC Occupational level of 50 mSv + 0.00005 mSv per X-ray =

---

Tested to be nearly 200 Times Safer than NRC Yearly Standards'
Yearly Average Absorbed Radiation Dose in mSv

<table>
<thead>
<tr>
<th>Dose Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.2 mSv</td>
<td>NRC Yearly Occupational Safe Dose Limit</td>
</tr>
<tr>
<td>5.0 mSv</td>
<td>Average American with Medical X-rays taken (Chest/ CT, etc.)</td>
</tr>
<tr>
<td>3.1 mSv</td>
<td>Yearly Absorption Level Requiring the Use of Dosimetry Badges</td>
</tr>
<tr>
<td>1.0 mSv</td>
<td>Average American Absorption Level from our Environment (Nature)</td>
</tr>
<tr>
<td>0.26 mSv</td>
<td>Occupational Dose Limit during Pregnancy</td>
</tr>
<tr>
<td>0.00005 mSv</td>
<td>One time Rextar X Exposure at 1.0 full second. How many images per year? Do the Math.</td>
</tr>
</tbody>
</table>

---

1. Request free X-Ray Absorbed Dose White Paper at info@polaroidhealth.com
2. Univ. of CASP study - updated May 2021 https://knowyourdose.ucsf.edu/how-much-radiation
3. Based on 5,200 near Miss full 1.0 second exposures, not the normal 0.24 or less Rextar X exposure times.
4. NRC Occupational level of 50 mSv + 0.00005 mSv per X-ray =

---

Certified Safety
Battery powered (portable) X-ray