

Battery Operated | Handheld
Portable X-Ray
Rx 90 / Rx 370 / Rx 590 / Rx 706 / Rx 910



+HUMANIC®

Portable Handheld X-Ray Machines

Empowering Diagnostics Anytime, Anywhere

Humanic's portfolio of portable handheld X-Ray machines is tailored to meet diverse medical imaging needs. Combining advanced technology with user-friendly designs, our devices provide reliable and efficient solutions for healthcare professionals across a variety of fields.



Main Features

• Battery-Powered and Portable:

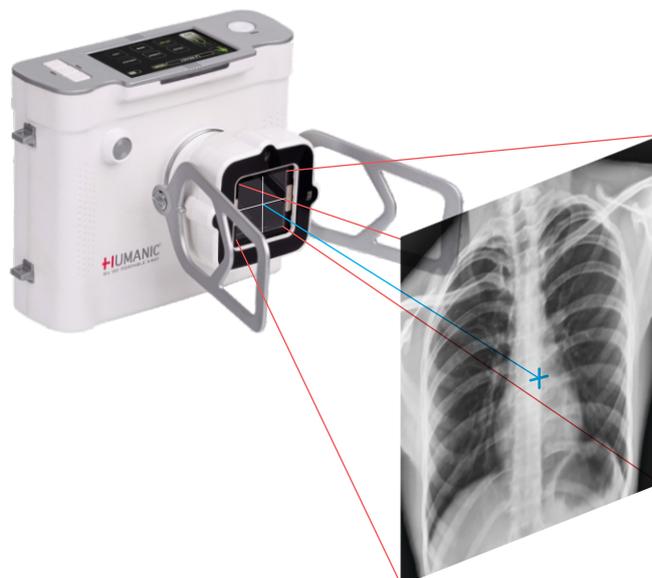
- Lightweight design; more than 150 images per charge with a Lithium-Ion Polymer Battery
- Compact size: W-228mm x D-137mm x H-188mm

• Versatile Clinical Applications:

- Suitable for all body parts with Anatomically Programmed Radiography (APR) modes
- Manual settings for kV, mA, and time adjustments

• Advanced Imaging Technology:

- Low radiation exposure with Superior X-Ray Imaging
- Cross-Beam Laser and LED Brightness Lamp for precise targeting
- Supports wired and wireless operations



Main Features

• Key Specifications Representing the Range

- Anatomically Programmed Radiography (APR): Optimizes efficiency and precision in imaging.
- High Voltage Capability (up to 90 kV): Delivers superior image penetration for detailed bone identification.
- Small Focal Spot Size: Ensures exceptional sharpness and clarity in imaging.
- Tube Current up to 10 mA: Enhances image brightness and detail for precise diagnostics.
- 300 mm Exposure Cut-Off: Provides added patient safety during procedures.
- Power Output up to 800 W: Supports a wide range of medical applications with robust performance.

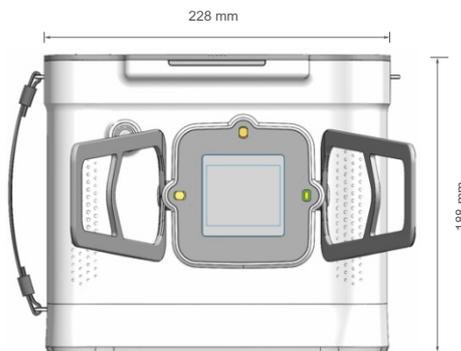
• APR Technology in Action

- Touchscreen Interface: Intuitive and responsive touchscreen design ensures effortless navigation and operation.
- Pre-Programmed Settings: Simplifies imaging with tailored parameters for specific body parts, including head, chest, and abdomen.
- Customizable Parameters: Adjustable kV, mA, and exposure time offer precision and flexibility for diverse patient needs.
- Quick System Feedback: Real-time readiness indicators and battery status display enhance workflow efficiency.

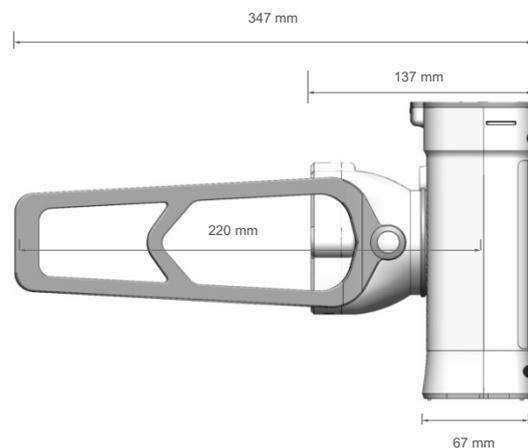


• Dimension

Front View _____



Side View _____



Use Case Scenario

• Head



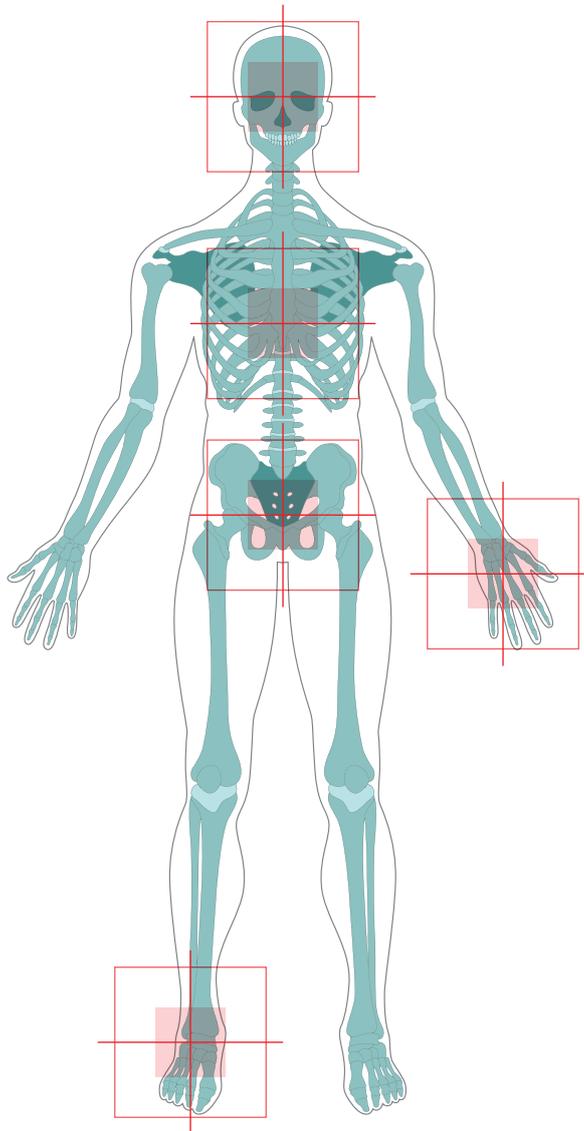
• Chest



• Spine



• Pelvis



• Arm



• Lateral spine



• Abdomen



• Leg



Application fields



Emergency room



Pediatric Care



Respiratory Medicine



Medical Checkup



Orthopedics



Intensive Care Unit



Nursing Home



Operating Room



Medical Camps
and Mobile Medical Units

Model Comparison Chart

Model	Rx 90	Rx 706	Rx 370	Rx 590	Rx 910
Anatomically Programmed Radiology (APR)	24	18	12	24	24
Tube Voltage (kV)	40-90	40-70	40-70	40-90	40-90
Tube Current (mA)	2-8	2-6	2-3	2-5	2-10
Focal Spot (mm)	0.5	0.4	0.4	0.8	0.8
Exposure Time (Seconds)	0.3-2.0	0.3-2.0	0.3-2.0	0.3-2.0	0.3-2.0
Output Power (W)	640	420	210	450	800
Distance Sensor (cm)	30-180	30-180	30-180	30-180	30-180

Accessories

• Included Accessories



Carry Case for X-Ray Machine

- Lightweight, durable, and weather-resistant case with padded protection for safe, easy transport.

Wireless Exposure Switch

- Cable-free, safe, and mobile-friendly with intuitive, easy operation.

AC/DC Adapter

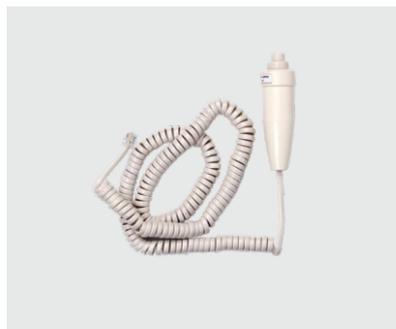
- Lightweight, durable, and universally compatible for reliable use anywhere.



Flat Panel Detector (FPD)

Sizes: 17"x17", 14"x17", 10"x12"

- **Advanced, Low-Dose Imaging** Utilizes a-Si TFT or Oxide TFT technology for superior image quality with minimal radiation exposure.
- **Rugged & Reliable Design** IP68-rated, water- and dust-resistant, and built to withstand demanding environments and daily use.
- **Lightweight & Portable** : Compact and easy to handle—ideal for fieldwork, mobile clinics, and bedside care.exposure.



Wired Hand Switch

- **Stable & Reliable Performance** PConsistent X-ray exposures with precise control for accurate imaging results.
- **Operator Safety** : Designed to allow safe distancing, minimizing radiation exposure during use.
- **Built for Demanding Environments** Durable construction ideal for frequent use in critical and high-pressure settings.



Laptop for Portable X-Ray Machine

- **All-in-One Imaging Solution** Integrated laptop with intuitive, pre-configured software for easy viewing, analysis, and storage.
- **Compact & High-Performance** : Lightweight design with fast processing power to support seamless mobile diagnostics.

Accessories

•Optional Accessories



Tripod Stand for X-Ray Machine



- Stable Support: Designed to securely hold the X-ray machine during imaging.
- Height-Adjustable: Allows precise positioning for various imaging needs.
- Versatile Usage: Adapts to multiple clinical environments, ensuring flexibility.
- Compact Design: Easy to set up and reposition, ideal for dynamic workflows.



Tripod Stand for Bedded Patients



- Patient-Centric Design: Provides safe support while hovering over bedridden patients.
- Height and Angle Adjustability: Ensures optimal imaging positions without patient discomfort.
- Flexible Reach: Extends to accommodate beds, stretchers, or confined spaces.
- Safety-Oriented Stability: Prevents tipping or movement during imaging procedures.



Tripod Stand for Flat Panel Detector(FPD)



- Robust and Sturdy: Securely holds the FPD in place for consistent imaging results.
- Customizable Height: Enables imaging of different body parts and patient positions.
- Precise Alignment: Facilitates accurate detector placement for optimal image quality.
- Effortless Maneuverability: Easy to adjust and reposition for diverse clinical scenarios.



VPS Enterprise,

H.No.26, Suresh Kene Building,
Devrung, Near Z.P School,
Bagaon, Kalyan, Thane.

339, Plot No.20, Block No.2,
Gaurav Park, Behind Vatika Ashram,
Pimprala, Jalgaon-425002

B17, Ghatkopar Industrial Estate,
Behind R-City Mall, Ghatkopar West,
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