

# Smart Ray 2.0

Bring the power of diagnostic imaging anywhere—with our state-of-the-art Portable Battery X-Ray Machine. Designed for flexibility, reliability, and uncompromised image quality.

**India's First Portable & Battery Operated X-Ray Unit.**

## Key Features

- HF/ 2mA / 240 VA
- Tube voltage 60kV
- E. T. R. 0.05~1.35sec.
- Weight 1.7kg (shield excluded)
- Display OLED
- > 100 shots after full charge.

This is specially developed for in clinics specialty such as Ortho, Chest Phy, Gen. Pract., Pedia and in Hospital Emergency, I.C.U. and Trauma center.



# Smart Ray

## Digital Radiography



Bring the power of diagnostic imaging anywhere with our state-of-the-art Portable Battery X-Ray Machine and Prudent DR 17x17.

**India's first battery operated digital X-Ray unit.**

### General Description

- Flat-panel X-ray Detector(Wireless and Wired)
- Dual Battery Charger
- 220V AC Power Supply Cord or 110V AC Power Supply Cord
- Wireless Router for Bridge Connection
- USB Dongle Key Lock for Zview (acquisition software)
- Sensor a-Si TFT
- Active Area 17" x 17" (430mm x 430mm)
- Sensor Pixel 3072x3072 (9.4M pixels) 140µm
- Spatial Resolution 16 bit
- Image Data Csl: 85% @ 0.5lp/mm
- Trigger Mode <1 sec. &Data Transfer Time 3~5 sec. approx.
- Battery performance approx. 11 hours of continuous operation after 5hours of full charging
- Approx. 100 images and Viewer on a detector
- Weight (with/ Without battery) 3.3kg / 4.1kg(Dual Battery)
- Full DICOM Package Store, Send, Worklist, MPPS, GSPS, Print, Stitching
- Available all Image Manipulation Functions such as Window, Level, Zoom, Magnifying Glass, Pan, Measurement Tools, Annotation, ROI, Display, Invert, Rotate, Regional, Enhancement, Image Shutter



# Smart Ray

## Digital Radiography

India's first battery operated digital X-Ray unit.

### Clinical Applications

- Emergency & Trauma Unit
- I.C.U. / N.I.C.U. / C.C.U.
- Ambulance Settings
- Ortho/Chest Phy. / Dental/General Pract. Clinics
- Sport Medicine on site fracture assessment
- Veterinary Practice large and small animals
- Rural & Remote Healthcare
- Home Healthcare & Palliative Care

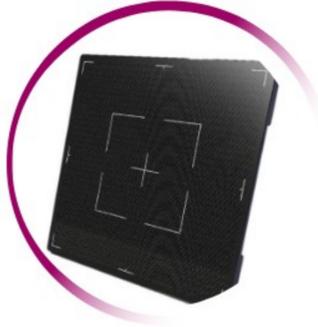
### Benefits

- Immediate Imaging
- Enhanced Patient Care
- Eliminates Patient Transport
- Cost-Effective Lower installation
- Saving Staff and Patient Time
- Less space required(4\*3 Table)
- Versatility Adaptable to Multiple Clinical Environment



# Smart Ray

## Digital Radiography



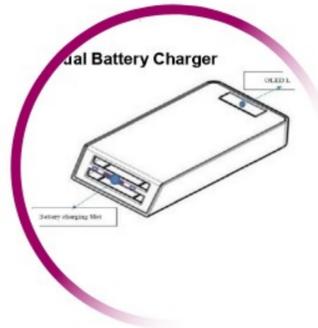
**DR 17x17**



**HF 2mA B. O.**



**Laptop**



**Dual Battery  
Charger**



**Comm.  
Adaptor**



**Adaptor**



**Inkjet  
Printer**



**Inkjet Films**

**MORE INFO**

[www.samonimaging.com](http://www.samonimaging.com)  
[sales@samonimaging.com](mailto:sales@samonimaging.com)