



# LUCAS

Lifecare

**LIFERAY™**



## Rechargeable Battery Powered Handheld Dental X-Ray

The convenience of portability and superior imaging is now available. LifeRay portable X-ray comes with improved ergonomics, functions and safety. It features a double shield technology, lead-lined cone with backscatter shield and a new exposure algorithm to ensure best protection for the operator and patient. High quality images are possible due to active dose control and the fine focal spot.



### FEATURES

- Advanced Electronics Design
- Intuitive user interface
- Lighter and Smaller Size
- Powerful Heavy-Duty Battery
- Sensor, Film, and PSP Compatible
- Industry-leading battery technology
- Focus on image quality
- Efficient workflow advantages
- Cost savings and maximum operating time



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## Battery Powered Handheld Portable X-Ray

### Specifications

Generator	100 kHz High-frequency / closed-loop control
Output kV (DC)	60 kV / 65 kV / 70 kV selectable
Tube mA	2.5 mA fixed
Exposure Time	0.1 - 1.0 seconds in 0.01 second increments
Focal Spot	0.4 mm IEC
Battery	Li-Ion Rechargeable, 21.6 V 3200 mAh rechargeable
Cone Length	200 mm, Fixed
Filtration	>1.95 mm Al @ 70 kVp minimum
X-ray Field	60 mm Round
# of X-rays per charge	up to 500 @ 70 kV and 100 ms
Duty Cycle	0.08
Warranty	3 years
Battery Warranty	2 years (included with the unit)
Weight w/Battery	5 lbs
Dimensions	12.8" L x 10.7" H x 5" W

#### Versatile Functionality

Three tubehead voltages, a range of exposure durations and the unit's inclination guide for optimum results

#### Wide Compatibility

Collect images on film, digital RGV, or PSP receptors

#### Wireless Charging

Recharge the unit's battery by simply placing on the docking cradle.

#### Smart Battery Management

Up to 500 exposures from a single full charge of the battery

#### Light & Compact

5 lbs weight and under 10.8" height for easy handling and maneuverability

#### High Resolution

High grade image quality with a 0.4 mm focal spot

#### Safe Operation

Radiation leakage well within the air kerma limit specified by FDA



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