

# High Powered Portable X-ray Unit

# ULTRA 100

The technology of high power portable X-ray unit is growing fast enough to trail high level performance. ECOVIEW is trying to make differences through cutting-edge technical features since it is believed that technology can lead us to reliable and convenient workflow.

ULTRA 100 is an answer to the requirement of durability with performance.

## Remarkable features

- Reliable and powerful performance
- **AUTO SID display**
- Easy connection to DR solution
- Easy to measure angle by goniometer
- Touchable 3D OP panel
- Metal hand switch connector



Durable & Advanced Technology

# ECORAY

# Technical Specifications

Category	Detailed spec
Output Power	5.0kW
Line Voltage	220VAC 50/60Hz single phase
Focal spot size	1.8mm single
kV Range	40 ~ 110kV
mA Range	25 ~ 100mA
mAs Range	0.32 ~ 200mAs
Collimator	SID measurement : Ultrasonic sensor / Auto SID display Lamp : LED Laser pointer : Dual Laser, Class I
PROM Memory	128 APR
Filtration	2.5mm Al equivalent
Size (mm)	227(L) x 203(W) x 396(H)
Weight	Net weight : 16kgs, Gross weight : 23kgs Net weight : Approx. 27kg
Mobile stand (optional)	Dimension : Extended 1850 x 950 x 650mm Folded 1150 x 342 x 150mm



[ For Veterinary clinic ]

\*Specifications are subject to change.

## High Output Power

ULTRA 100 provides Max. 5kW output power as well as Max. 100 mA range. This conspicuous feature enables users to sufficiently examine even up to the thickest human body part : ex) Chest Position  
Therefore, ULTRA 100 is the optimized portable X-ray unit from companion animals to beloved people.

## Ultrasonic SID Sensor for Auto Display

By contrast with the other products, ULTRA 100 is equipped with Ultrasonic Sensor providing Max. 250cm SID (Source to Image Distance) measurement with high accuracy of  $\pm 1\text{cm}$  tolerance.  
The measured SID is automatically displayed on Operation Panel.  
Another distinguishing feature of Ultrasonic Sensor is NO Dead Zone (an area unable to be detected). Besides, its power consumption is very

## DAP meter

DAP (Dose Area product ) meters enables assessing the radiation risk from X-ray examinations for human. And it is also valuable quality tools for monitoring changes in equipment and procedures.

## Easy DR configuration

ULTRA 100 provides the additional connection port for DR interface. Since the beginning of the development, ULTRA 100 is elaborately designed for optimal DR system connection.

## Convenient Detector Connection

ULTRA 100 is directly connected with Detector as AGI box is NOT necessary when being used with a wired-type Detector. It provides users with more convenience.

## Non-hazardous Laser Pointer

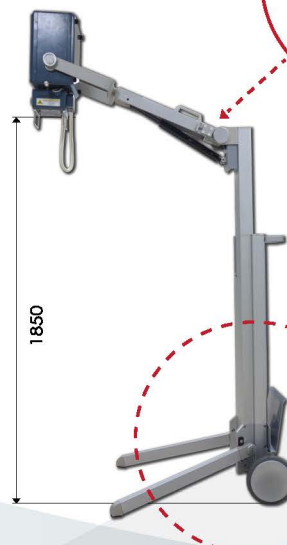
ULTRA 100 features the safest Collimator Laser Pointer as Class 1. Of Class 1-4, the bigger number indicates a high level of hazardous influence on human, which is based on International Laser Safety Standards (IEC : 60825-1 Edition 1.2). the Class 1 is defined as "Lasers that are NOT hazardous for continuous viewing or are designed in such a way that prevent human access to laser radiation."

## User-Friendly Operation Panel

ULTRA 100's Operation Panel is very carefully designed to efficiently provide users with easy comprehension and control on each function.

## Optional item - Mobile Stand

Compact design and light weight are available to load in a vehicle.



- Smooth movement
- Strong bearing power by gas cylinder



- Locking device
- Good-sized handle bar

■ Detector and chart holder

- Net weight : approx. 27kgs
- Folded : 1,150 x 342 x 150 mm
- Extended : 1,850 x 950 x 650 mm
- Packing dimension : 1,190 x 365 x 315 mm / 32kgs

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