

# ULTRA 100

PORTABLE 5KW GENERATOR FOR VETERINARY PURPOSES

For all the environments including, small veterinary clinics, outdoor practices with mobile stand as optional accessory.



## Remarkable features

- Reliable and powerful performance
- **AUTO SID display**
- Easy connection to DR solution
- Easy to measure angly by goniometer
- Touchable 3D OP panel
- Durable metal jack of hand switch

The technology of high power portable X-ray system is growing fast enough to trail high level performance. **ULTRA 100** is an answer to the requirement of durability and performance.

**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
Mobile stand (optional)	Net weight : Approx. 27kg Dimension : Extended 1850 x 950 x 650mm Folded 1150 x 342 x 150mm

\*Specifications are subject to change.



Optional solution - Mobile DR  
Can be combined with flat panel detector for digital solution

## 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 until the thickest body part of human : ex) Chest Position

Therefore, ULTRA 100 is the optimized portable X-ray unit from companion animals to beloved people.

## Ultrasonic SID Sensor with 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  $\pm 1$ cm tolerance. And, 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 low as only 3.1mA.

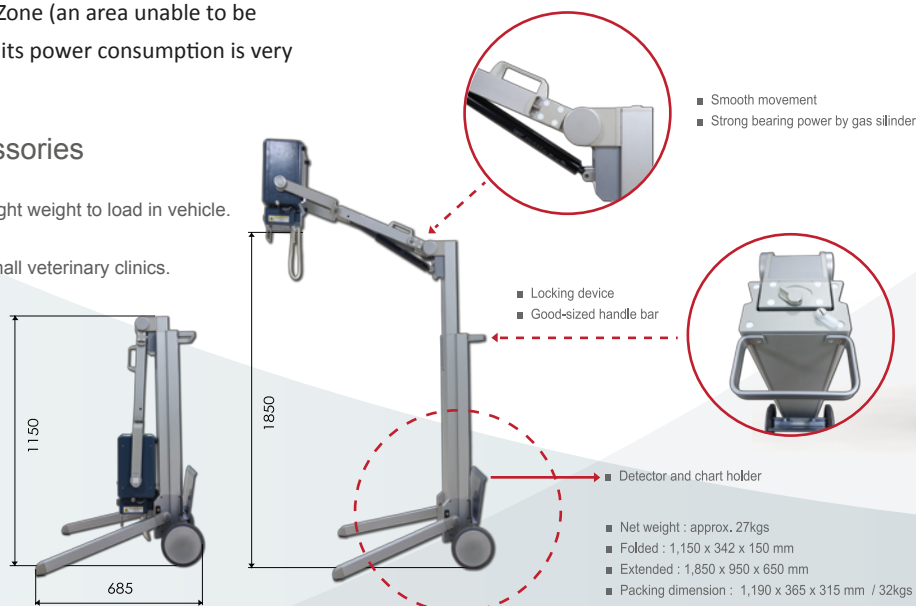
## Optional accessories

### Mobile stand

Compact design and light weight to load in vehicle.

### Table stand

Compact design for small veterinary clinics.



## User-Friendly Operation Panel

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

## 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.

## 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.



- Top table size: 1,092 x 626 mm
- SID: 1,000 mm fixed
- Bucky device for films, cassettes or flat panel detectors
- Table stand dimensions: 1,092 x 691 x 2,021 (H)mm