

PORTABLE X-RAY-1.6kW

Digital Radiography System



Powerful Performance, Portable Design:
REVOLUTIONIZING HUMAN & VETERINARY CARE.



*Applied

PORTABLE X-RAY 1.6kW: ERAY SMART 20HS

The **ERAY SMART 20HS** boasts an exceptionally compact and lightweight design, along with intuitive operation and an internal battery power supply. These features make it the perfect portable solution for a wide range of examination scenarios, making it an ideal choice for Human & Veterinary X-Ray Applications.



Reliable Imaging

Powerful and stable output delivers consistently high quality images, suitable for both human & animals' radiography.



Exceptionally Lightweight

The highly integrated structure allows the system to be easily transported anywhere and freely positioned to meet the needs of imaging.



Superior Battery Performance

Internal battery power brings maximum flexibility, while extended battery life of up to 8 hours guarantees all-day clinical use.





TRIPOD WITH DURABILITY

- Solid construction combined with three leg-angle stops, the system can be set up on almost any surface.
- Extended vertical travel range with 4-section leg lever lock mechanism enables stable imaging at any chosen height.

TRANSPORT WITH EASE

- All necessary components, such as the main x-ray unit, detector, image processing workstation and exposure control, can be all packed into the carrying case.
- The integrated package allows you to move quickly from one location to another.



WORKFLOW WITH EFFICIENCY

- The intelligent image workstation with user-friendly interface allows exposure to be prepared within a few clicks.
- Instant imaging, sophisticated image processing and tailored toolkits helps accurate and rapid diagnosis right next to animals.



Cable-free connection among X-ray unit, image workstation and wireless detector permits positioning without constraints.

TECHNICAL SPECIFICATIONS

X-RAY GENERATOR

MODEL	ERAY SMART 20HS
POWER OUTPUT	1.6kW
VOLTAGE RANGE	40kV-90kV (1kV steps)
mA RANGE	1mA-20mA
mAs RANGE	0.4mAs-50mAs
EXPOSURE TIME	10ms-1000ms
FREQUENCY	High Frequency Generator, 40kHz

X-RAY TUBE

TYPE	Stationary Anode
FOCAL SPOT SIZE	1.2mm X 1.2mm
TARGET ANGLE	19°

COLLIMATOR

FILTRATION	1.2 mm Al@70kV
ILLUMINATION	Built-in LED light with 30s auto shut-off timer
RADIATION FIELD	Min: 5x5 mm Mak: 430x430 mm
LUMINOSITY	>100 lux
BATTERY	14.8V/4800mAh
CHARGING TIME	3.5Hour
NO OF EXPOSURE	150 (Approx)
ROTATION OF X-RAY UNIT	±180° around vertical axis ±180° around lateral axis
WEIGHT	8.8kg, ±10%
DIMENSION (LxWxH)	510 x 360 x 390

CLINICAL IMAGES*



NOTE: *For reference purpose only

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