



The ND-XN001 is a unique portable X-ray inspection system with a 0.8mm strong focus X-ray source. The voltage can be adjusted from 20 to 120KV, which allows inspecting objects made from different materials with various densities and thicknesses. One of the system's advantages is its capability of inspecting areas of an object in fine details by using geometric magnification (up to 40 times). Dual energy option allows recognizing organic and inorganic objects.

The images are reproduced on a display screen of control unit in pseudo colors, with enhanced contrast or in dual energy mode. Zooming in any of the nine areas of the screen allows better identification. Obtained images can be stored in the control unit memory for further investigation or reference (up to 30,000 images). Stored images can also be edited and provided with additional text, graphics and voice information.

Main Features:

- Rapid set-up procedures, high operating efficiency
- High productivity
- Good detection ability
- Ability to store shade images of X-rayed objects in database for further
- Can be powered by rechargeable batteries

Deliverables

Control Unit	x 1
Interchangeable Converter	x 1
X-ray Generator	x 1
Transportation Case	x 1
User Manual	x 1

Portable X-ray inspection system

Total filtration (aluminum equivalent)	60mm
• When using Generator RE 120/RE 100MN	
Interchangeable converter viewing area	14inch (screen size)
16:9 (display scale - widescreen)	
Control unit resolution (ThinkPad T460)	1920x1080 pixel (physical resolution)
Image store capacity of control unit	1TB
Image presentation modes	Positive, negative, pseudocolor, contrast enhanced
Copper wire resolution (in free space)	0.1mm
Image acquisition performance of control unit	200 images/h
X-ray radiation mode	1 to 20sec continuous exposure
Wireless communication range	up to 30m
Power voltage	
• All except RE 120	120 260 VAC 50±1/60±1Hz
• RE 120	180 260 VAC 50±1/60±1Hz
Weight	25kg max

Application:
X-ray Inspection System