

Nomad pro handheld xray

ECONOMICAL
PORTABLE
VERSATILE
TIME SAVINGS



- One NOMAD can easily do the work of multiple conventional wall-mount x-ray systems in clinical use, and its unequalled for field use.
- The battery powered hand-held NOMAD Classic offers true portability with cordless operation and freedom from mains power.
- Whether you use the latest digital sensors, film, or phosphor plates, NOMAD Pro produces high-quality diagnostic images every time.
- The NOMAD Pro Colour LCD screen, with simple touch controls and handheld design saves time and is easy to operate.

The Nomad Pro handheld display offers a full colour LCD display screen, preset and programmable exposure settings and additional time saving features. The Nomad Pro's lightweight and cordless design improves dental radiography speed, convenience and efficiency. One Nomad Pro does the work of multiple conventional x-ray systems, making it extremely economical. The leading technology of Nomad Pro provides the highest level of safety, quality and patient care for your dental practice.

Traditional wall-mounted x-rays can generate a substantial amount of stray radiation when fired. Backscatter off the patient's teeth can reflect back at the operator or through other parts of the patient. Because of this, x-ray generators are usually operated remotely, and lead aprons and/or thyroid shields are often used to protect the patient.

However, NOMAD Pro is designed with safety in mind. The external backscatter shield and internal radiation shielding are specially designed to protect the operator from radiation exposure. In fact, the exposure from using NOMAD Pro is less than 1% of allowed occupational doses. NOMAD Pro is safe!

Advantages of handheld xray

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The handheld design allows the operator to stay with the patient during x-ray procedures, this is particularly useful when working with special needs patients. The Nomad takes radiographs twice as fast as with conventional x-ray systems and reduces number of retakes by up to 50%.

Handheld units can be moved from room to room eliminating the need for multiple units. The portability of the system is ideal for hospital, home-health, humanitarian, and out of office use.

Used in conjunction with a Notebook PC, DentalEye Imaging Software and Digital X-ray Sensors, the NOMAD Handheld X-ray Unit can provide a completely portable solution for all dental examinations without the need for any external power.

The complete system can be charged from a vehicle's 12V power supply if required allowing the operator to travel to remote communities for extended periods and without having to rely on mains power or generators.

Specifications

Battery	Lithium Polymer, 22.2V, 1.25 Ahr
Anode voltage	60 kV true DC
Anode current	2.5 mA
Exposure time range	0.01 - 1.00 s
Focal spot	0.4 mm
Inherent filtration	>1.5 mm Al
Source to skin distance	20 cm
X-ray field	60 mm round
Maximum duty cycle	1:60
Total weight	2.5 kg (5.5 lbs.)