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## PRO 2 TECH SPECS

Lithium Polymer, 22.2V, 1.25 Ahr **Battery** 60kV true DC Anode voltage 2.5 mA **Anode current** 0.02 - 1.00 s **Exposure time range Focal spot** 0.4 mm **Inherent filtration** >1.5mm Al equivalent Source to skin 20 cm X-ray field 60 mm round Maximum duty cycle 1:60 **Total weight** 2.5kg (5.5 lbs) W 16 cm, L 25.7 cm, H 25 cm **Approximate** (W 6.3", L 10.1", H 9.8") dimensions





Contact your preferred veterinary supplier for more information on the NOMAD Pro 2™ Veterinary.



## **Comparative Data for Whole Body Exposure (Annual)**

## 50mSv Occupational Dose Limit Occupational Dose Limit Requiring Dosimitry<sup>1</sup> 3.65mSv Average Natural Bacground Radiation<sup>2</sup> Average Occupational Radiation Exposure for Flight Crews<sup>3</sup> 2.19mSv 1.00mSv General Public Dose Limit (excluding natural background and medical care)<sup>1</sup> 0.16-0.37mSv Range of Exposure for Dental Personnel Using Conventional X-rays<sup>2</sup> 0.30mSv Average Exposure Using NOMAD with D-Speed Film<sup>4</sup> NOMAD PRO 2 0.12mSv Average Exposure Using NOMAD with F-Speed Film or Digital Sensor<sup>4</sup>

- 1) Standards for Protection Against Radiation, 10 CFR 20 (US Federal Standards), 1994 (see also NCRP Report No. 116.)
- 2) NCRP Report No. 160 (National Council on Radiation Protection and Measurments), p 211-212.
- 3) "Estimated Cosmic Radiation Doses for Flight Personnel," Feng YJ et al, Space Medicine and Medical Engineering, 15(4) 2002, p 265-269.
- 4) Normalized average assumes 7,200 exposures per year, and the average legth of exposure for D-speed = 0.50, F-speed = 0.25 seconds, digital sensor = 0.20 seconds

## **Dental Imaging Made Easier and Better**

**HANDHELD** - Only 5.5 lbs (2.5kg). Allows operator to stay with the patient during the exam.

**SHIELDED** - Fully encapsulated X-ray source and backscatter shield, protecting the operator radiation.

**PATIENT FRIENDLY** - Take radiographs at difficult angles without contorting the patient, even during operatory procedures.

**ECONOMICAL**- No installation, renovation, or re-wiring. Make every table an X-ray station.

**VERSATILE** - Can work in any location with film, phosphor plates, and digital sensors.

**EXTENDS YOUR PRACTICE** - Excellent for dental, small animal, exotics, equine.

Since the NOMAD Pro 2 can be taken and used anywhere, it makes several situations much easier for diagnostic imaging:

- Home visits
- Anxious or panicked animals
- Sedated or otherwise immobilized animals
- Both outdoor and indoor treatment areas, as well as mobile yet