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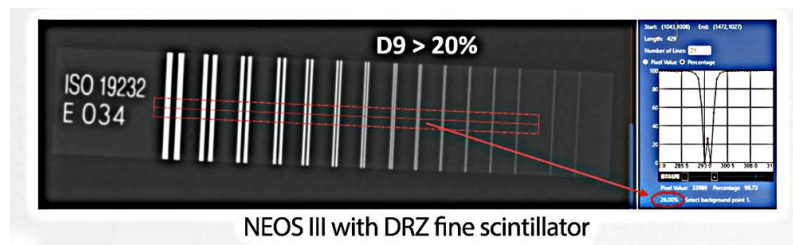
Logos Imaging NEOS III



This latest small format DR Imaging system is specifically designed to withstand the rigors of the workplace. The imager is housed in a Mg and includes shielding to allow use with higher X-ray energies. The design provides shock vibration, and water ingress protection. Also included in the NEOS III is built-in wireless communications and removable battery that provides two hours of operation for situations where ultra-portability and short-range communications are desirable.

- ✓ **Wired and Wireless Operation**
- ✓ **8 mm Bottom Border**
- ✓ **High Resolution and Sensitivity, 127 um Pixel Size, 39 lp/mm**
- ✓ **Multiple Scintillator Options**

The **NEOS III** is a medium format portable digital radiography system that generates high-resolution, high-sensitivity digital images. The system is Logos Imaging's lightest and most portable DR imaging solution. In environments where wireless communication is acceptable, the entire imaging system consists of a flat panel detector, an operating PC, LIA NOT software, and carrying case.



NEOS III with DRZ fine scintillator

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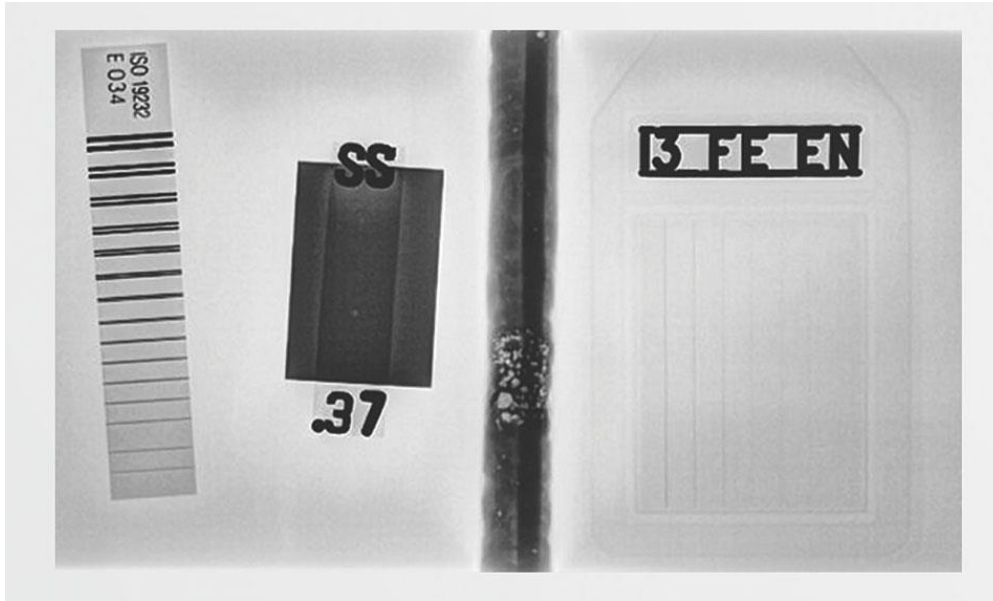
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In full wireless mode, the NEOS III can operate for up to two hours on a single battery charge. The system includes two batteries for a total of up to four hours of operation on a single battery charge (additional batteries can be purchased to extend run time). The batteries can easily be changed in the field and are charged with the supplied dual battery charger.



With a wireless range of 50 m* using only the PC or tablet internal wireless card, users can work safely in almost any environment. When longer battery life and extended wireless range or wired operation are required, the ASYRMATOS II interface provides up to seven hours of additional battery life (the system can also be operated continuously when mains power is available at the PC workstation), and 400 m* wireless range or up to 200 m wired range.

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NEOS III DR System	
Technology	Amorphous Silicon with TFT
Scintillator	Gadox
Pixel Area	32.5 x 26.0 cm, 12.8" x 10.2"
Pixel Matrix	2560 x 2048 pixels
Pixel Size	127 μ m
Limiting Resolution	3.9 lp/mm
AD Conversion	16 bits
Communications Interface	Wireless 2.4 GHz (5 GHz Optional) Wired LAN
Communications Range	Wireless 50 m or up to 400 m with interface* (using 2.4 GHz) Wired option 50 m to 200 m
Image Transfer	Wired - 5 seconds Wireless - 9 seconds**
X-ray Energy Range	40 - 330 kV
Weight	3.3 kg (7.3 lbs)
Dimensions (Panel)	38.5 x 32.0 x 1.8 cm 15.2" x 12.6" x 0.7"
Power	100-240 VAC (50-60 Hz), 2A using included power supply 14.4 V, 93 Wh, Li-Ion hot-swappable battery pack
Operating Temperature	-20 to 50 C (Wired), 0 to 40 C (Wireless) -4 to 122 F 32 to 104 F
Storage Temperature	-20 to 50 C -4 to 122 F
PC Specs (Minimum)	Core i7 Processor, 4 GB RAM, 500 GB hard disk, 14" 1600 x 900 display, Windows 7 Professional
	*Line of Sight **Environment and transmission distance can affect transfer times