



# cuattro NDT

## Non-Destructive Testing DR System

Introducing the intuitive ultra-portable industrial digital radiography system designed by Cuattro **with Inspectors, for Inspectors.**

NEW

Quickly switch between wireless and wired use \*

wireless

### Cuattro NDT™ Features:

#### Proprietary Automatic Exposure Detection with True OnePulse

- Fast and Superior Sensitivity (lower noise, higher signal)
- Nearly Zero EMI emissions for safe field operations

#### Latest Detector Technologies

- Flexible Non-Glass Substrate for substantial increase in durability and ruggedness
- Lightweight (1.7kg with internal batteries)
- Water and Dust resistant (IP 67 rating)
- Onboard image storage (200 images)
- Thin bezel edges (2.7mm on two sides)

#### Exposure Anytime Technology

- Offline image capture and onboard storage
- Power on detector and expose (with or without acquire device-software)
- Automatically pushes images to tablet when available

#### Long Range Wireless Control and Data

- Long Range wireless technologies
- Control Generator and Detector simultaneously
- Fast Image transfer and display

#### Best Image Quality

- HD Image (99 micron)
- 16-Bit Dynamic range
- Low Dose Capable
- High-sensitivity mode to view dense objects
- Target-specific multi-frequency image tuning algorithms

#### Enhanced Safety Through Precise Radiation Control

Safety is paramount. Our x-ray technology has been designed with a deep focus on minimizing radiation exposure while increasing the imaging quality. By incorporating Automatic Exposure Detection (AED), our systems intelligently adjust exposure levels, ensuring optimal doses for each inspection.

#### Single Pulse Imaging: Efficient, Accurate, and Cost-Effective

Our cutting-edge x-ray technology introduces Single Pulse Imaging – a breakthrough for efficiency in NDT inspections. Traditional methods often require extended or repeated exposures, increasing both radiation dosage and time. With our system, a single pulse is all it takes to capture clear, accurate images, thanks to our advanced image acquisition capabilities. This innovation not only minimizes exposure but also significantly reduces the time required for each inspection, streamlining processes and lowering operational costs. Ready to transform your NDT workflow? Experience the efficiency of Single Pulse Imaging today and redefine what's possible!

800.709.4514  
www.cuattro.com





## 10x12"/14x17" Wireless Detector Specs:

- Detector TFT Type ..... Flexible, Non-Glass Substrate
- Scintillator ..... GadOx
- Pixel Pitch ..... 99 micron
- Pixel Matrix
  - 10 x 12" ..... 2524 x 3036 pixels
  - 14 x 17" ..... 3534 x 4302 pixels
- Image Size
  - 10 x 12" ..... 25.4cm x 30.5cm
  - 14 x 17" ..... 35.3cm x 43.0cm
- Grayscale ..... 16 bits
- Image Acquisition Time ..... Wired: 3 secs, Wireless: 5-6 secs
- Offline Image Storage ..... 200 Images
- Dimensions ..... 15.75" x 18.50" x 0.67"
- Weight (with batteries installed)
  - 10 x 12" ..... 3.75 lb
  - 14 x 17" ..... 5.95 lb
- Water/Dust Intrusion Rating ..... IP67
- Batteries
  - 10 x 12" ..... ≈6h (1 battery slot)
  - 14 x 17" ..... ≈12h (2 battery slots)
- AED (Auto Exposure Control) ..... Zero EMI Optical trigger
- Dead Space Margins ..... 0.11" on two sides (Bezel thickness)
- Other Features ..... Accelerometer, Auto-orientation

## Cuattro NDT™ Software Features:

- Complete Source Integration (5pin and 7pin versions) with Automated Adjustments
- Quick Set and Shoot workflow
- Cuattro True OnePulse™ Mode
- Complete set of Image tools with Advanced Multi-Frequency processing tools
- Multi-Detector Capable



A Smarter direction in Digital Radiography... Better. Much better.

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