MADE FOR HIGH ENERGIES

DRC 2430HE NDT

HIGH-RESOLUTION FLAT PANEL DETECTOR

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DÜRR NDT

Technical data — DRC 2430HE NDT

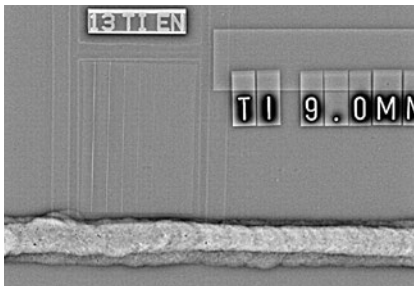
Active area	233 mm x 291 mm (9.2" x 11.5")
Dimensions (H x W x D)	430 mm x 380 mm x 19 mm
Weight	3.9 kg (8.6 lbs)
Number of pixels	3072 x 3840
Max. energy	350 kV* (for long life in typical applications), Isotopes (higher energies possible)
Image transfer time (wired/wireless)	2/4 s
Pixel pitch	76 µm
Scintillator	GOS
ADC	16-bit
Interface	Gigabit Ethernet, WLAN (optional with PWU)
PWU WLAN range (line of sight)	70 m@2.4GHz (802.11abgn), 150 m@5GHz (802.11n, 2x2 MIMO)
PWU Battery	Lithium-ion (11.25 V, 33.2 Wh), charging time 2.5 h
Operating conditions	0 to 45°C (32 to 113°F), 30 to 85 % humidity
Protection level	IP67 (dust-tight and waterproof)
Housing	Aluminum frame, carbon-fiber front (150 kg area load)
Software	DÜRR NDT D-Tect 9.9 or higher
Scope of supply	Detector, Ethernet and power adapter cable set (5.5 m), power supply

*external shielding required for over 350 kV

Important features

- ✔ High resolution 76 µm pixel pitch (6.5 lp/mm)
- ✔ Suitable for X-ray and gamma sources
- ✔ Equipped with an internal shielding for use up to 350 kV*
- ✔ Robust design with handle for easy portability
- ✔ Wireless capability via Portable Wireless Unit (PWU)
- ✔ Dust-tight and waterproof
- ✔ For stationary and mobile applications

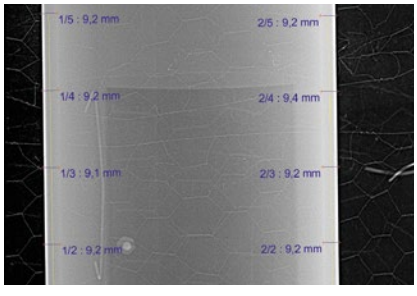
Sample images



Weld seam, 9 mm titanium plate, X-ray (ISO 17636-2 Class B compliant).

Detector with optional PWU for wireless operation with WLAN and battery. The PWU can also be attached on the back of the detector.

The LED indicators of the PWU provides information about the power status, wired/wireless activation, charging status and battery level.



Profile image, DN 150 x 9 mm, Iridium-192.

DÜRR NDT GmbH & Co. KG
Höpfigheimer Straße 22
74321 Bietigheim-Bissingen
Germany

info@duerr-ndt.com
www.duerr-ndt.com