

Toshiba detector FDX3543RP - high resolution for excellent image quality with low X-ray dosage

Brief description:

- Sensor: very high sensitivity and high resolution with low X-ray dosage
- Csl screen
- Response time: no time delay for the release of the X-ray shot (compared to other flat panel systems) – when you press the hand release the X-ray shot is triggered immediately
- Guarantee: 2 years, may be extended to 4 years
- Fast exchange: In case of a defect, OR Technology guarantees to deliver a replacement panel within four days (no further costs, only transport costs will be incurred)

The portable Toshiba flat panel FDX3543RP for radiological use is supported by the acquisition software **dicomPACS® DX-R**. Its high resolution and sensitivity are impressive. The active area measures 14" x 17" (35 x 43 cm) and provides excellent image quality coupled with a low dosage requirement.

Technical data:

Image format

Type:	Caesium Iodid (CsI): TI (direct vapor deposition) with reflective coating
Active area:	13.8 x 16.8 inch (35.0 x 42,6 cm)
Pixel matrix:	2,448 (H) x 2,984 (V) (4,3 Mio Pixel)
Pixel pitch:	143 µm

Performance:

Limiting resolution:	3.7 lp/mm
MTF (2.0 lp/mm, 70kVp, 1x1):	36 % typ.
DQE:	> 70%
A/D conversion:	16 bit
Weight:	Sensor unit: approx. 3 kg

Energy Range:

40 – 150 kVp

Maximum entrance dose:

4 mR / frame

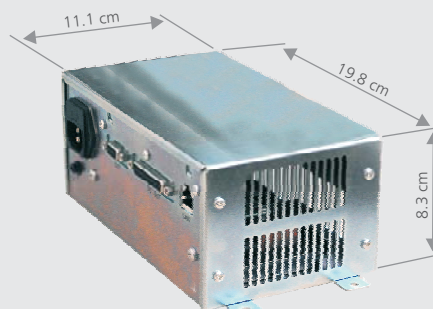


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Flat panel - in conventional cassette size



Control box incl. power supply unit



Specifications subject to revision without notice

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