

BRINGING DIGITAL RADIOGRAPHY TO EVERYONE

- ▶ The Pixium® Portable 3543 DR is the new Thales WiFi flat panel detector
- ▶ The first detector providing outstanding image and diagnosis quality at minimal dose for different applications, while answering the growing need of reducing system total cost of ownership and keep on reducing the dose.

NEW VERSION AVAILABLE

THE FIRST PORTABLE DETECTOR WITH EMBEDDED PATIENT IDENTIFICATION

- ▶ This new detector Pixium® 3543 DR-X is a stand-alone device that is able to work in auto-detection mode without connection to any external device
- ▶ It offers the possibility to safely assign images to patients thanks to its embedded bar code reader and display everywhere in the hospital
- ▶ After each acquisition, the images are stored in the detector. An easy-reading display will indicate the number of images taken per patient and the total number of images registered in the device for an ulterior upload into the radiology room.
- ▶ Thanks to this optimized workflow, errors and stress are minimized, and time and money are saved: a stand-alone device fulfills the daily work.



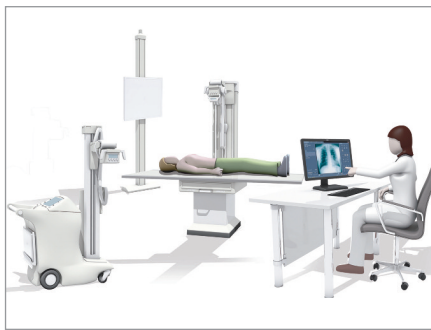
DIGITAL RADIOGRAPHY

Pixium® Portable 3543 DR

& New Version With Embedded Patient Identification

Optimal ergonomics & unlimited flexibility





DIGITAL RADIOGRAPHY

Pixium® Portable 3543 DR & New Version With Embedded Patient Identification

Building total freedom in radiography

STATE-OF-THE-ART

- Trixell® standard image quality
- Preview in less than 2 seconds

OPTIMAL ERGONOMICS

- 3,1 kg
- Cassette size (ISO 4090)
- Wireless
- Up to 8-hour battery autonomy
- Robust

NEW VERSION PATENTED

EMBEDDED PATIENT IDENTIFICATION

- Optimized workflow for stand-alone device
- Safe image patient identification with embedded bar code reader

UNLIMITED FLEXIBILITY

Meeting all your expectations for new radiography room or mobile cart. Unequalled solution for retrofit.

Multi-share, all configurations possible:

- Several detectors in one room/one detector shared by several rooms and several equipments
- Total freedom due to automatic attachment by infrared or NFC

Auto-detection

- Without generator synchronization

Image storage capacity

- Multiple uses: workflow for emergency, stitching, etc.
- Optimizes bed-side exams.

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	PIXIUM® PORTABLE 3543 DR-GS PIXIUM® PORTABLE 3543 DR-GX (NEW)	PIXIUM® PORTABLE 3543 DR-CS PIXIUM® PORTABLE 3543 DR-CX (NEW)
Technology	GOX screen coupled to TFT matrix a-Si technology	Pixium® CsI coupled to TFT matrix a-Si technology
Pixel size	160 µm	
X-ray sensitive area	±35 x 43 cm	
Maximum x-ray dose	125 µGy	80 µGy
Maximum linear dose	75 µGy	50 µGy
X-ray generator voltage range	40 – 150 kV	
DQE @ 0,05 lp/mm	42 %	70 %
AD conversion	16 bits	
High-resolution image display	< 6 seconds, Preview in 2 seconds	
Battery operating time	Up to 8 hours	
Mechanical characteristics		
Dimensions	ISO 4090 Cassette size	
Weight	3 kg (including battery)	3.1 kg (including battery)
Back up connection cable	Yes	
Watertightness	IP 43	
Accessories		
Battery charger	Yes	

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THALES - MICROWAVE & IMAGING SUB-SYSTEMS

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