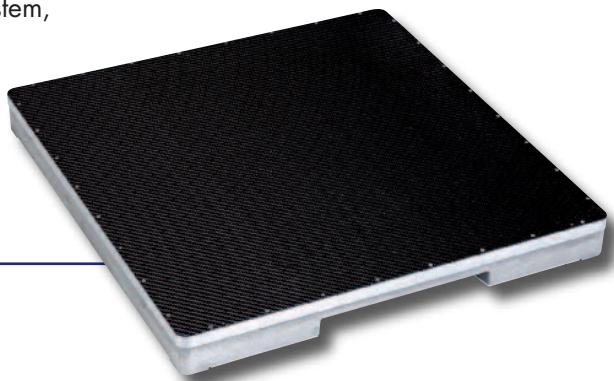


MULTIPURPOSE, LARGE-FORMAT DIGITAL X-RAY DETECTOR

- ▷ Based on a flat-panel digital detector with the largest field-of-view in the market, the Pixium 4343 FL is designed for easy integration in classical R&F tables. It allows manufacturers to offer radiologists an all-digital real-time system, generating high-quality images for both routine dynamic applications and high-end static ones.
- ▷ Digital technology facilitates the work of X-ray technicians and speeds up the process, allowing medical centers to optimize patient throughput.



DIGITAL RADIO-FLUOROSCOPY

Pixium 4343 FL

Universal value detector for easy transition to digital





DIGITAL RADIOGRAPHY

Pixium 4343 FL

Quality, reliability, versatility

UNIVERSAL: A SINGLE DETECTOR FOR BOTH RADIOGRAPHY AND FLUOROSCOPY

Integrated in R&F tables, the Pixium 4343 FL allows radiologists to perform X-ray exams (bones, lungs), positioning or to carry out routine fluoroscopic exams (arthroscopy, barium swallow, gastrointestinal, musculoskeletal, etc.). The Pixium detector delivers a higher quality all-digital image for each type of application.

REAL-TIME, COST EFFECTIVE AND LOW-DOSE DETECTOR

Our new detector is your cost-effective solution which allows you an easy transition to digital. This solution provides you with high quality images and optimized patient throughput.

LARGEST FIELD-OF-VIEW IN THE MARKET

Thanks to its 17" x 17" size, the Pixium 4343 FL offers the largest coverage area in the market. This means that it can easily be used for lung and pelvic exams.

TOP-QUALITY DIGITAL IMAGES FOR ENHANCED DIAGNOSIS

The Pixium 4343 FL detector is based on the clinically proven Pixium® CsI scintillator, which offers outstanding X-ray absorption, reducing exposure to the patient while ensuring high-quality images. It combines high detection quantum efficiency (DQE) with a large number of pixels and high dynamic range (16 bits), revealing even the slightest anatomical detail for a high-precision diagnosis.

TECHNICAL SPECIFICATIONS

Scintillator	Pixium® CsI
Pixel size	148 µm
X-ray sensitive array	17 x 17 inch 43 x 43 cm 2874 x 2840 pixels
X-ray exposure dose	0.2 to 3 µGy
Maximum X-ray dose	85 µGy
Maximum linear dose (radiological mode)	50 µGy
X-ray generator voltage range	40 to 150 kVp
DQE @ 0 lp/mm	65 % typ. at 2 µG RQA5
MTF @ 1 lp/mm	63 % typ.
MTF @ 2 lp/mm	32 % typ.
Lag (1st frame)	< 1 %
Lag (2nd frame)	< 0.5 %
AD conversion	16 bits
Number of modes	18 (6 RAD, 12 fluoroscopy)
Interfaces	
Image	Camera Link & LVDS Parallel
Communication	Ethernet
DC input power	24 V
Mechanical characteristics	
Detector dimensions	500 x 490 x 45.5 mm
Detector weight	14 kg max

TRIXELL

460, rue de Pommarin - Z.A. Centr'Alp - 38430 Moirans - France
Tel.: + 33 4 76 57 41 00 - Fax: + 33 4 76 57 40 48