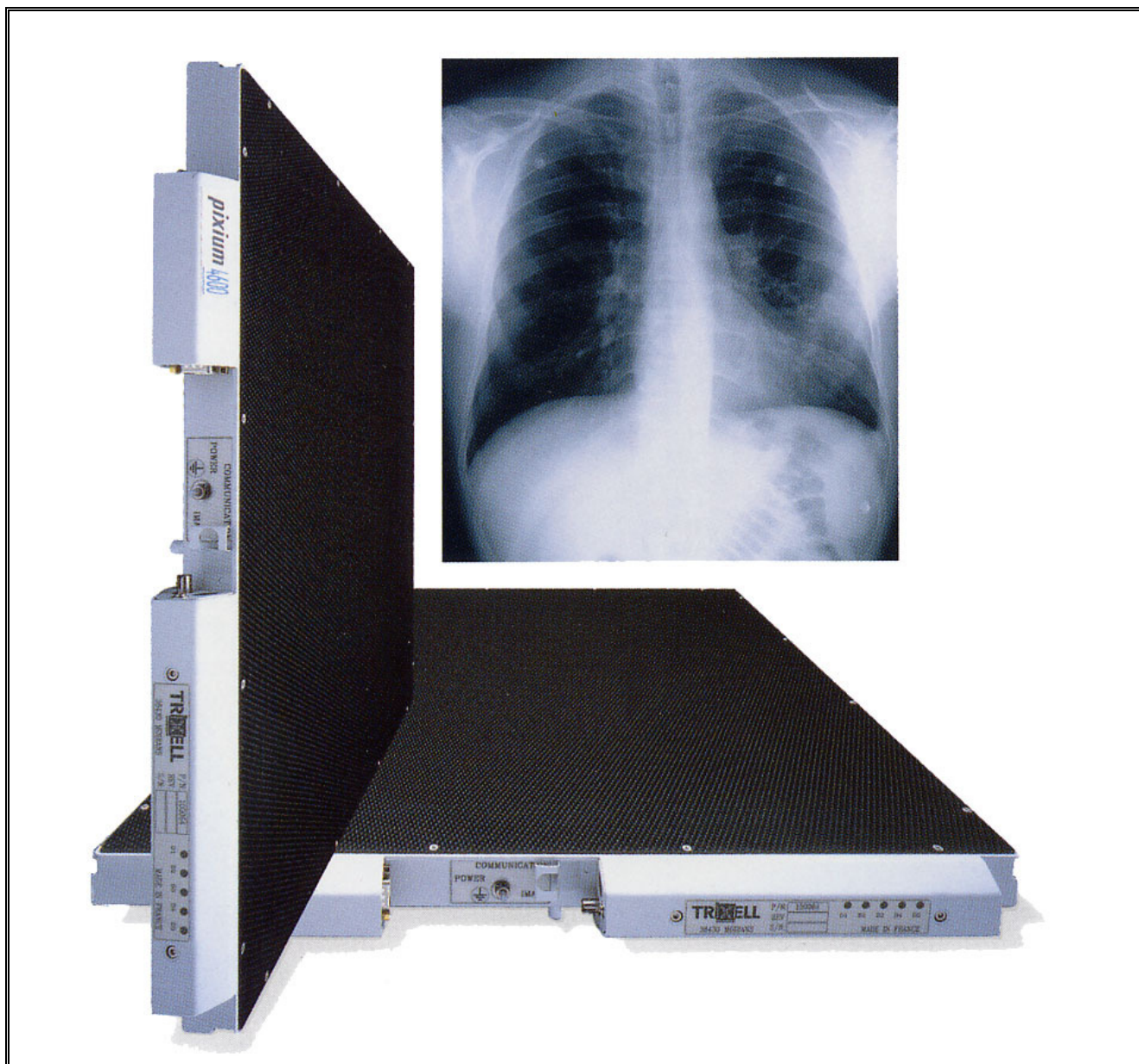




PIXIUM 4600



DESCRIPTION :

Flat sensor, full field 43 x 43 cm

High resolution Images, matrix 3001 × 3001 pixels

Technical Specifications

PIXIUM 4600

The flat sensor PIXIUM 4600 is designed for all the conventional radiological applications instead of the standard film.

It uses the technology of the Caesium Iodide scintillator combined with a matrix in Amorphous Silicon.

The digital system NRS HR is designed to receive the sensor, either in combination with the CCD camera for dynamic examinations or alone.

FEATURES

Active area:	43 × 43 cm
Matrix:	3001 × 3001 pixels
Pixel size:	143 µm
Spatial resolution:	3.5 pl/mm
Dynamic range:	14 bits
Preview image:	less than 3 s

ELEMENTS

- 1 sensor PIXIUM 4600
- 1 Automatic Exposure Control with 3 cells
- 1 computer unit
 - . 1 RAM of 512 Mb
 - . 1 Hard Disk of 36 Gb (2000 images)
 - . 1 LCD monitor, high resolution, 18"
- Sensor dimensions (L × W × H): 533 × 488 × 45 mm
- Sensor weight: 20 kg



The CE marks indicate that the unit is in compliance with the Medical Device Directive 93/42/EEC.

Original language: FRENCH

Technical Specifications

PIXIUM 4600

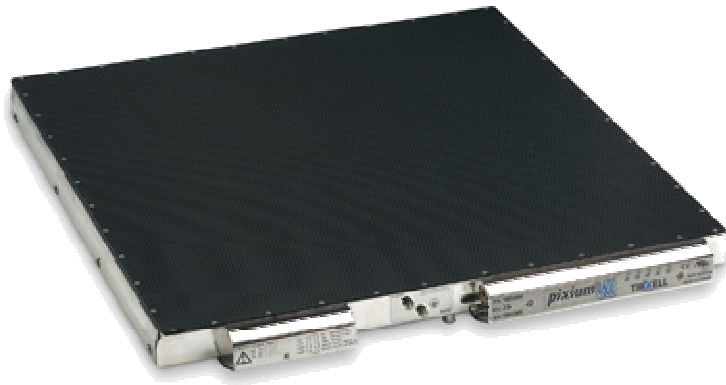
STEPHANIX gives access to High Technology devices, with possibility to upgrade or provide new equipment from its own range in Digital. The flat detector offers to replace conventional film-based radiography for outstanding advantages.



Technical Specifications

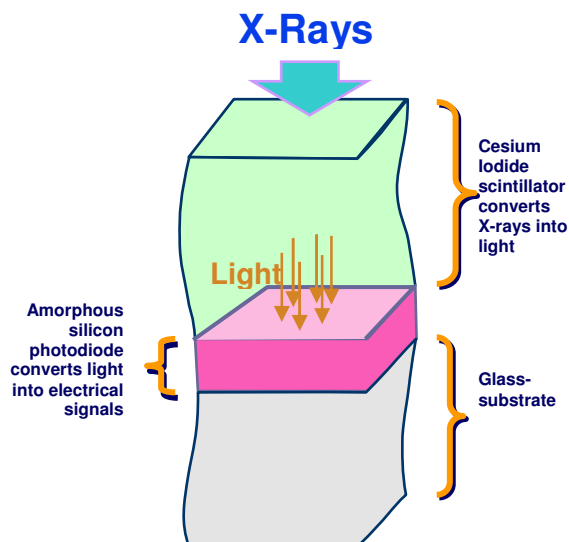
PIXIUM 4600

PIXIUM 4600: the market standard for digital radiography



The PIXIUM 4600 X-ray detector reflects Trixell's proven expertise in the key technologies and qualitative criteria that define medical imaging. The digital flat-panel X-ray detector technology offers:

- Speed: immediate images, in a single exposure
- Cost savings: no time or resources spent in developing film (retakes)
- High performance: PIXIUM 4600 can be used for all types of examinations, thanks to the large square format, high resolution and wide dynamic range
- Easy image management: the PIXIUM 4600's digital image allows the connection to digital transmission, distribution and archiving systems



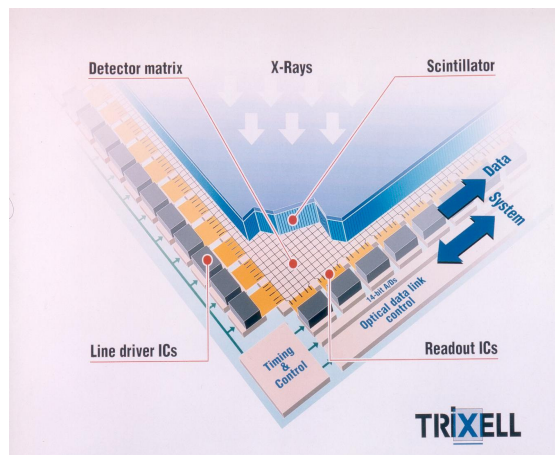
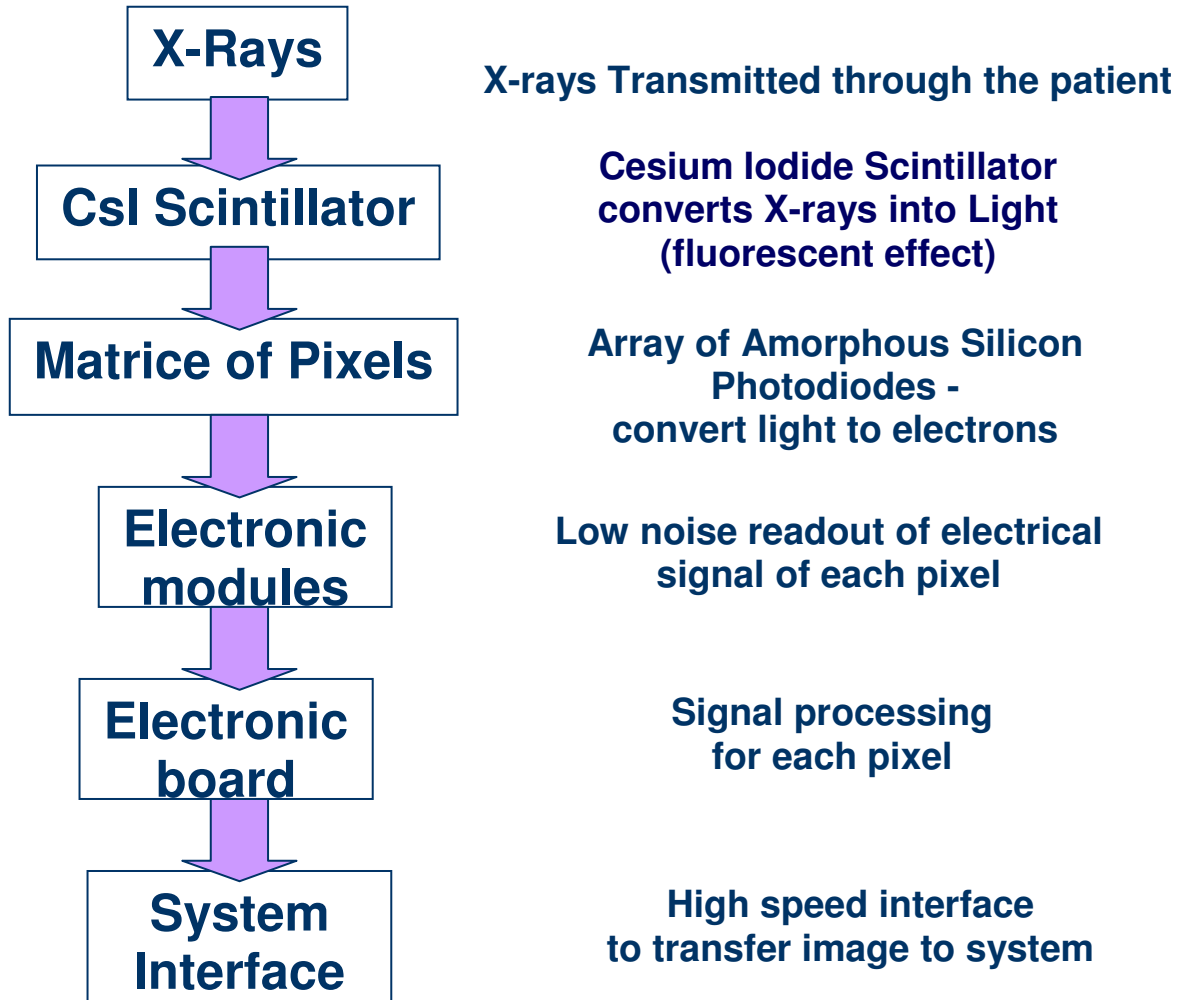
The technology of choice for all applications

TRIXELL flat-panel detector is based on proven core technologies: a cesium iodide scintillator (CsI) and an active amorphous silicon array, controlled by custom-designed, ultra-low noise electronics.

The basic principle of Trixell flat-panel X-ray detector consists of a matrix of photodiodes, made from amorphous silicon, which is covered with a cesium iodide scintillator.

Technical Specifications

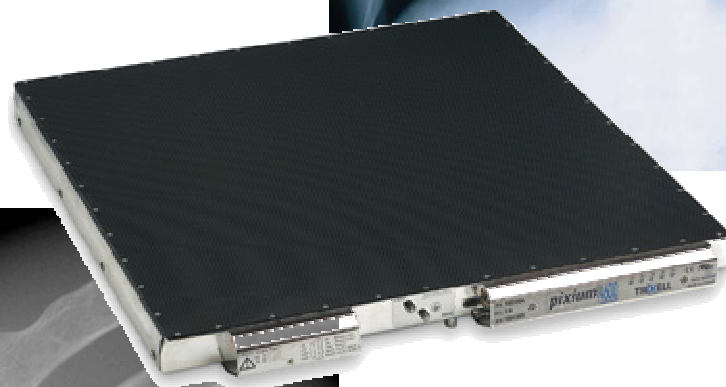
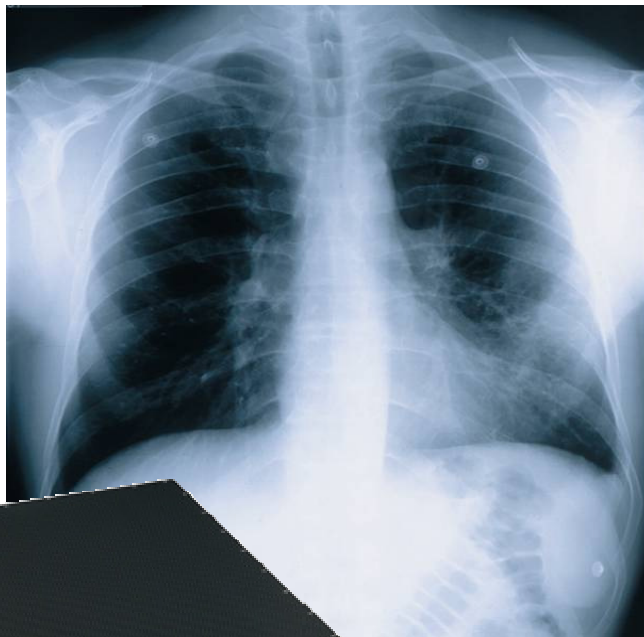
PIXIUM 4600



Technical Specifications

PIXIUM 4600

The **reliability** and the **performance** of this technology have been proven by years of use in medical applications.



Trixell technology is now the **established standard** in the **digital** radiological imaging market.