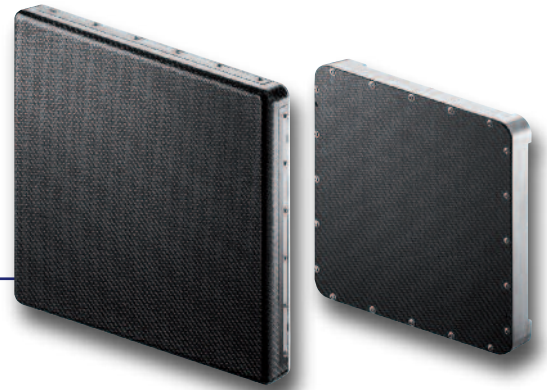# TRIXELL

X-Ray imaging excellence

THE BEST SOLUTION FOR YOUR C-ARM

▷ Pixum® 2121 & 3030 are two dynamic flat panel detectors for equipment such as mobile and fixed c-arms, Cathlab, fixed interventional rooms and Cone Beam CT machines.

▷ The new generation detectors, Pixium® 2121 & Pixium® 3030 operate in different modes to support all 2D and 3D applications, whether orthopaedic, urologic, cardiac, vascular or neurological.

▷ The CMOS version of Pixium 2121, backward compatible with the aSi version brings further critical advantages in regards to greater dose reduction at low dose and sensitivity levels.

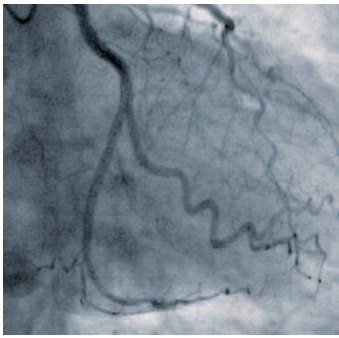▷ Systems fitted with Pixium® 2121 & 3030 detectors deliver high image quality.

DIGITAL FLUOROSCOPY

Pixium® 2121 & 3030

A true alternative to conventional image chain for your equipment

Pixium® 2121 & 3030

Multi-application, with dedicated operating modes

Flat Panel characteristics.	Pixium® Surgical 2121S-A	Pixium® Surgical 2121S-C (WIP)	Pixium® Surgical 3030S-A	Unit
technology	aSi	CMOS	aSi	
Pixel pitch	154			µm
X-ray sensitive area	207 x 207		301 x 301	mm (V x H)
	1344 x 1344		1956 x 1956	pixels
AD conversion	16			bits
X-ray generator voltage range	40 -150			kV
Maximum frame rate (full image, 1x1)	25	30	13	fps
Maximum frame rate (full image, 2x2)	30	60	30	fps
DQE@ 0 lp/mm, RQA 5, 20 n Gy	76	77	75	%
DQE@ 2 lp/mm, RQA 5, 20 n Gy	33	46	30	%
Detector dimensions	283 x 288 x 78.5		380 x 380 x 78.5	mm
Detector weight	8.7		12.9	kg
Detector max power consumption	14	11	15	W
Cooling	Passive cooling			