



November 15, 2016

PerkinElmer to Launch World's First Dynamic Imaging Cassette Detectors and Fastest R&F Detector at RSNA 2016

Also Showcases Innovative CMOS Detectors for Surgical X-ray Systems

WHAT: [PerkinElmer, Inc.](#), a global leader committed to innovating for a healthier world, today announced that it will launch three new medical imaging products at the Radiological Society of North America (RSNA) 2016 Annual Meeting, a gathering of more than 55,000 radiology professionals from around the world.

"We are excited to introduce our cutting-edge x-ray imaging technologies to global manufacturers and health care providers at this renowned event," said Brian Giambattista, President, Medical Imaging for PerkinElmer. "Our flat panel detectors offer medical professionals superior image quality, along with the ability to reduce radiation dose and to manage costs."

PerkinElmer will showcase the following new solutions:

[XRpad2™ 4336:](#) a second-generation wireless cassette detector for digital radiography, with a 35cm x 43 cm imaging area, 100 µm pixel size, direct deposition CsI scintillator, along with a removable, rechargeable battery. With continuous imaging at up to 8 frames per second (fps), this detector facilitates advanced applications such as tomosynthesis, dual energy subtraction and image stitching. PerkinElmer has received 510(k) clearance for XRpad2 4336 detector for use in digital radiography. The detector will be available in January 2017.

[XRpad2™ 3025:](#) a second-generation wireless cassette detector. This lightweight, flat panel detector for digital radiography offers a 25cm x 30cm (10" x 12") imaging area, 100µm pixel size, direct deposition CsI scintillator, and continuous imaging at up to 10 fps. It can be used for tomosynthesis, dual energy subtraction and image stitching. PerkinElmer has received 510(k) clearance for XRpad2 3025 detector for use in digital radiography. The detector will be available in January 2017.

[XRD 4343RF:](#) the fastest R&F detector on the market, with frame rates up to 85fps. This dynamic 43cm x 43cm detector is intended for use as a component in radiography, fluoroscopy and 3D cone beam computed tomography (CBCT) systems. Its design enables enhanced performance, providing outstanding X-ray imaging for a wide range of applications. The detector has a direct-deposited CsI scintillator for superior image quality.

PerkinElmer's Medical Imaging business has supplied more than 40,000 flat panel X-ray detectors that serve as components for industrial, medical, dental, and veterinary imaging systems. The Company offers both amorphous silicon (a-Si) and CMOS detector technologies that its customers integrate for X-ray applications such as digital radiography, fluoroscopy, radiation therapy, and non-destructive testing.

WHEN: November 27-December 2, 2016

WHERE: McCormick Place, Chicago
South Hall A, Booth#2972

ALSO

ON DISPLAY: PerkinElmer will also showcase the [Dexela CMOS 2121S/3131S](#) flat panel detectors for surgery applications (currently in development). These high speed, low noise detectors have excellent sensitivity for fluoroscopy applications such as mobile C-arm. They enable dose reduction and image quality improvement when compared with prevailing technologies used in mobile C-arms.

ABOUT

PERKINELMER:

PerkinElmer, Inc. is a global leader committed to innovating for a healthier world. The Company reported revenue of approximately \$2.3 billion in 2015, has approximately 8,000 employees serving customers in more than 150 countries, and is a component of the S&P 500 Index. Additional information is available through 1-877-PKI-NYSE or at www.perkinelmer.com.

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