



PerkinElmer to Launch New Digital X-Ray Flat Panel Detectors for Non-Destructive Testing at ASNT Fall Conference and Quality Testing Show

WALTHAM, MA – PerkinElmer, Inc., a global leader focused on improving the health and safety of people and the environment, today announced it will launch two new [Digital X-Ray Flat Panel Detectors \(FPDs\) for Non Destructive Testing \(NDT\)](#) applications at the [ASNT Fall Conference and Quality Testing Show](#) in Houston, Texas, from November 15-17 at booth 725.

PerkinElmer will be showcasing the two newest additions to its Flat Panel Detector family, the XRD 0822 and XRD 1622 detector units, and their advantages in non-destructive testing. These advantages include assisting in troubleshooting of systems, product quality testing, structural integrity evaluation, and specification testing, among other areas. NDT applications that the new PerkinElmer FPDs can perform include pipeline inspection, film replacement, manufacturing inspection, 3D Cone Beam Ct and PCB inspection.

Both detectors are more compact and lighter than previous models and are accessible via an easy-to-use Ethernet interface. The new detectors are available with several shielding and scintillator options providing operator protection, and are also radiation hardened for operating in harsh environments.

“The new detectors expand our portfolio and broaden the reach of our solutions into the area of non-destructive testing, where we are seeing increased demand for new technologies,” explained Jeffery Foote, vice president, global business development and sales, Medical Imaging, PerkinElmer. “These are exciting times for NDT, and we are delighted to launch these new detectors to enable more applications in the field, and to allow end-users to benefit from the speed and image quality of our flat panel detector technology.”

PerkinElmer detectors on display at the ASNT Fall Conference booth 725 include:

- **The XRD 0822** – An 8-inch² (20 cm²) field of view FPD which offers over 78 dB dynamic range and up to 100 frames per second
- **The XRD 1622** – A 16 in² (41 cm²) field of view FPD Which offers over 87 dB of dynamic range and frame rates up to 4 fps via multiple read-out modes.
- Both products support a broad range of energy levels from 20 keV–15 MeV.

About PerkinElmer, Inc.

PerkinElmer, Inc. is a global leader focused on improving the health and safety of people and the environment. The company reported revenue of approximately \$1.8 billion in 2009, has about 8,800 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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