

PRESS RELEASE

Freiburg, January 30, 2019

Nomex Multimeter: New individual models for every application in diagnostic imaging

With the Nomex Multimeter from PTW-Freiburg, it is very easy to check all relevant parameters of different X-ray systems. The multimeters are now also available individually for quality assurance of radiography, fluoroscopy, dental, CT and mammography units as well as for irradiation devices in image-guided radiotherapy (IGRT).

Nomex Multimeters are part of the proven standard equipment of service and medical technicians as well as experts and medical physicists. They are used for acceptance testing and expert inspections, for constancy tests and as part of the service and maintenance work of X-ray equipment. Apart from a PC or tablet, no additional accessories and no additional display unit are required for operation. Connect via plug-and-play to the mini USB port, position the rotation-independent measuring device in the central beam of the X-ray machine, and you can already start measuring. The fact that the Nomex multimeters do not require additional alignment along the tube axis accelerates and simplifies the measurement setup. The Nomex software is also kept consistently lean, so that everything required to start a measurement can be adjusted with a maximum of three clicks. The measurements themselves have the high precision, reproducibility and long-term stability customary in PTW measuring instruments. The IEC standard requirements for precision are even far exceeded, which provides the user with a maximum degree of measurement reliability: the dose accuracy for radiography/fluoroscopy units is between 40 and 150 kV \pm 1.5 percent within the complete conventional measurement range and between 23 and 35 kV \pm 2.5 percent in mammography. To measure additional, other radiological modalities, an existing Nomex Multimeter can be easily upgraded for other applications if required. All types of X-ray equipment can be tested with the Nomex Multimeter all-in as a fully equipped variant.

The Nomex Multimeters in the individual versions RAD/FLU/MAM, RAD/FLU, DENT/DENT-PAN, MAM, CT and IGRT, each with or without mAs option, will be available starting from February 2019.

Additional information is available at www.ptw.de

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About PTW:

PTW is a leading worldwide manufacturer of high-precision dosimetry and intelligent quality assurance solutions in radiation medicine. Founded in 1922, the company is one of the pioneers in medical radiation measurement. PTW measuring devices enable radiation experts to precisely monitor highly complex clinical radiation equipment and radiation treatment plans. The family-run company has invested continuously in recent years in its headquarters in Freiburg, where high-tech dosimetry solutions are developed and manufactured for the world market. In addition, PTW owns one of the oldest and largest accredited calibration laboratories in the field of ionizing radiation and established THE DOSIMETRY SCHOOL to promote the exchange of knowledge in clinical dosimetry. PTW operates globally with nine international subsidiaries and more than 300 employees worldwide. More information at www.ptw.de

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Photo material:

(Please note: only screen resolution. Request print resolution at ptw@pr-hoch-drei.de.)



Photo 1: With Nomex Multimeters, there is no need for additional alignment along the tube axis, which accelerates and simplifies measurement setup



Photo 2: The Nomex Multimeters are easily connected to and operated using a PC or tablet via mini USB port and plug-and-play without any additional accessories, as shown in the photo of the NOMEX Multimeter MAM on a mammography device



Photo 3: The Nomex Multimeters will be available in individual versions starting from February 2019; the picture shows the NOMEX Multimeter DENT on a panoramic setup

Photo credits: PTW-Freiburg



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