When Quality Matters in Diagnostic QA

NOMEX® mAs

mAs meter for invasive and non-invasive measurements on diagnostic X-ray generators

- Stand-alone mode or simultaneous usage with the NOMEX® system
- CE marked class IIb certified
- Provides non-invasive measurements by means of a current clamp

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NOMEX® mAs

Invasive and non-invasive measurements possible

Invasive mAs meter for measuring the current time product on diagnostic X-ray generators

Highlights

- Measures current, mAs (current time product), mAs per pulse, measuring time, pulses, frequency and current waveform
- Provides auto ranging and auto start/stop
- For single or simultaneous usage in combination with the NOMEX® system
- Allows non-invasive measurements by means of connecting an mAs clamp optionally

The NOMEX® mAs is an invasive meter for measuring the current time product (mAs) on diagnostic X-ray generators. For invasive measurements the NOMEX® mAs connects to the generator of the X-ray unit via banana plugs. Optionally, non-invasive mA and mAs measurements can be perfomed by means of connecting a current clamp directly to the NOMEX® mAs.

The NOMEX® mAs can be used as a stand-alone device or in combination with the NOMEX® Dosemeter together with an external dose detector and/or simultaneously with the NOMEX® Multimeter.

In single operation, the NOMEX® mAs connects via USB to a PC running the NOMEX® Software.

The NOMEX® mAs sets up fully automatically, no need to select a range, and can be used for all applications.

When being used in combination with the NOMEX® Multimeter, mA, mAs and mA waveform will be measured at the same time with the dose, dose rate dose per pulse, pulses, frequency, time kVp, HVL, total filtration and the waveforms for both, dose rate and kV.

The measurements will be stored within the NOMEX® Software and can be exported for further data analysis e.g. to Excel®.

NOMEX® mAs comprises additionally the NOMEX® Software, a connection cable (8 m), a USB cable (2 m), a transport case and a manual.

Specification

Application	Invasive and non-invasive measurements on diagnostic X-ray generators
Data analysis	via NOMEX® Software
Measuring ranges:	
Current	± (0.1 ... 1100) mA, ± 1 % or ± 0.01 mA
Resolution	± 0.01 mA
Charge	± (0.01 ... 999.9) mAs, ± 1 % or ± 0.001 mAs
Resolution	± 0.001 mAs
Measuring time	1 ms ... 298 h, ± 1 ms
Pulses	0 ... 99999, ± 0 pulses
Frequency	(0.2 ... 350) Hz
Reproducibility:	
Current	± 1 %
Charge	± 1 %
Pulses	± 0
Measuring time	± 1 ms
Cable length	8 m
Weight	140 g
Outer dimensions	94 mm x 46 mm x 12 mm

Ordering Information

L981530 NOMEX mAs
L981531 NOMEX set incl. mAs
L981532 NOMEX Dosemter incl. mAs
L981533 NOMEX Multimeter incl. mAs
L981529 Current clamp for NOMEX mAs

NOMEX set incl. mAs (L981531)

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Previous specifications are void.

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