

Dosimeters

Dosimeter MagicMaX-rad/flu/dent

VD0201945

According to IEC 61674; the flexible solution for thorough measurements at X-ray units – a new generation of measuring devices!

Features:

- USB based system to be used with PC/Laptop
- MagicMaX-Meter measurement software
- Including solid state Dose-Detector RQA
- Ability to attach an additional solid state detector for simultaneous measurements of exit and entrance dose
- Including aluminum carrying case

Measurement Parameters:

- Dose / Dose rate
- Dose per pulse
- Time

Options / Additional Accessories:

Notebook / Convertable VD0201930

Instead of your own laptop.



For more technical information, please see the MagicMaX family matrix at the end of the brochure!

Dosimeter Dosimax plus A

[basic unit] VD0201747, Detector RQA VD0202850

PTB-approved single channel dosimeter according to IEC 61674, designed for acceptance tests and for quality checks at radiographic, fluoroscopic, dental and mammographic X-ray units.

For dental applications to be used with solid state detector RQA.

Measurement Parameters with Detector RQA:

- Dose: 200 nGy - 9999 mGy
- Dose rate: 80 nGy/s - 70 mGy/s (50 - 150 kV)
- Time: 1 ms - 19999 s

Option / Additional Accessory:

Carrying Case VD0225720

For dosimeter DOSIMAX *plus* series; offers space for 1 DOSIMAX *plus* and 2 solid state detectors (not DEDX/DE2DX).



The dosimeter DOSIMAX plus A is a medical device [according to the directive 93/42/EWG] of class I m / 12.

kV-Meter

kV-Meter **MagicMaXrad/flu/dent** VD0201948

The flexible solution for thorough measurements at X-ray units – a new generation of measuring devices!

Features:

- USB based system to be used with PC/Laptop
- MagicMaX-Meter measurement software
- Including solid state kV-detector
- Including aluminum carrying case

Measurement Parameters:

- kV
- Time
- Total filtration
- Half value layer (HVL)
- Wave form

Options / Additional Accessories:

Notebook / Convertible VD0201930

Instead of your own laptop.



For more technical information, please see the MagicMaX family matrix at the end of the brochure!

Detectors

MagicMaXUniversal Multi Detector XR VD0202030

Multidetektor is to be used with the MagicMaX Universal in kV a range of 40 - 150kV. The small footprint detector has 2 marked active areas, one for dose, dose rate, dose/puls and time and the other one for kVp, PPV, Half Value Layer, total filtration.

Size: 20 x 52 x 10



Solid State Detector RQA VD0202850

For quality checks and acceptance tests at radiographic, fluoroscopic and dental X-ray units, 50 - 150 kV.

Length of detector cable: 2 m



For luminance / illuminance measurements of your image display device, please see chapter "Quality Control at Medical Displays", page 52.