MagicMaX *Universal*

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EXCEPTIONAL · INNOVATIVE
ONE INTEGRATED SOLUTION

FOR QUALITY CONTROL IN MEDICAL IMAGING

MagicMaX CT Kit

MagicMaX Mammo Kit

MagicMaX Rad/Flu Kit

MagicMaX Universal
EXCEPTIONAL · INNOVATIVE · ONE INTEGRATED SOLUTION

24 HOURS Service & Replacement*

YOUR HIGH-END MULTIMETER SOLUTION SOLVING ALL YOUR NEEDS IN BEAM VERIFICATION.

➤ **ALL-IN-ONE DEVICE** for all X-ray modalities

➤ **ADVANCED SOFTWARE** provides a fast total overview as well as comprehensive expert level detail and reporting

➤ **PLUG & PLAY** system allows fast and seamless workflow within ONE minute setup time

CONNECTION TO

➤ Solid State Detector RQA for Radiography and Fluoroscopy

➤ Solid State Detector RQM for Mammography

➤ Current Probe

➤ Illuminance Detector

Connection to second dose detector allows simultaneously measuring both entrance and exit dose

COMPUTER OPERATING SYSTEM

➤ Operating system: Windows XP 32 bit SP 3, Windows Vista 32 and 64 bit, Windows 7

➤ Pentium processor (or equivalent), minimum 1.6 GHz

➤ 1 GB RAM

➤ 600 MB free hard disk space

➤ DirectX 9.29.1973 or later

➤ Internet Explorer version 6 or later

CONNECTION TO

➤ Ionisation Chamber DCT 10

➤ Multidetector XR

➤ Multidetector XM

*24h MagicMaX service & replacement available with service contract or warranty.

MagicMaX*Universal* KITS

MagicMaX*Universal* FAMILY

YOUR ALL-IN-ONE SOLUTION KEEPING YOU MOBILE.

MagicMaX*Universal* FULL QA KIT

➤ MagicMaX *Universal*
➤ Test phantoms for radiography and fluoroscopy
➤ Multidetector XR for radiography and fluoroscopy and XM for mammography
➤ MagicMaX Current Probe

MagicMaX*Universal* RAD/FLU KIT

➤ MagicMaX *Universal*
➤ Multidetector XR for radiography and fluoroscopy
➤ MagicMaX Current Probe
➤ Illuminance detector

MagicMaX*Universal* MAMMO KIT

➤ MagicMaX *Universal*
➤ Multidetector XM for mammography
➤ MagicMaX Current Probe
➤ Illuminance detector

MagicMaX*Universal* CT KIT

➤ MagicMaX *Universal*
➤ Ionization chamber for CT
➤ Multidetector XR for radiography and fluoroscopy
➤ Illuminance detector

MagicMaX*Universal* KIT

➤ MagicMaX *Universal*
➤ Multidetector radiography and fluoroscopy XR and mammography XM
➤ MagicMaX Current Probe
➤ Illuminance detector
➤ Ionization chamber for CT

IONIZATION CHAMBER DCT10-MM

➤ For CT application
➤ High sensitivity carbon pencil chamber

ILLUMINANCE DETECTOR

➤ Light output measurements of image intentsifiers and viewing boxes

CURRENT PROBE

➤ Unique invasive and non invasive measurents of the tube current

MULTIDETECTOR XR

➤ For radiography and fluroscopy
➤ Measuring values: kV_p, PPV, HVL, dose, dose rate, dose per pulse, exposure time and wave form
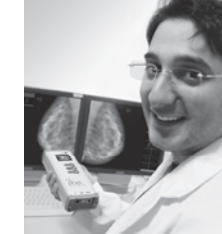
MULTIDETECTOR XM

➤ For mammography
➤ Measuring values: kV_p, PPV, HVL, dose, dose rate, dose per pulse, exposure time and wave form
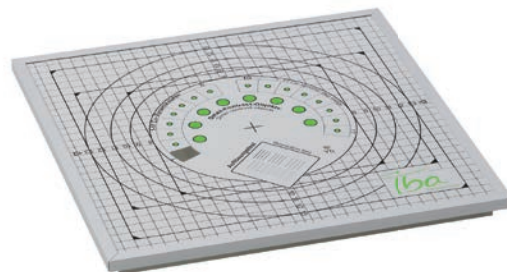
IMAGE QUALITY
QUALITY ASSURANCE

TEST DEVICE PRIMUS L

➤ Digital + conventional Radiography and Fluoroscopy

➤ Parameters and determination:
  • Dynamic range
  • Linepair resolution performance
  • Contrast resolution
  • Limitation of the radiation field

PMMA CT-PHANTOM

➤ Innovative 3-part nested PMMA phantom for Computed Tomography

➤ Designed for CTDI determination of pediatric & adult protocols

TEST DEVICE PASMAM

➤ Base phantom (40mm) with Al-step wedge

➤ Structure plate (6mm) with rotable lead line resolution test (5,6,7,8 & 10lp/mm)

➤ 4 rows of metal balls for check of missed tissue at chest wall side

➤ Different inserts based on technical as well as biomedical test

DISPLAY QUALITY
QUALITY ASSURANCE

SPOT-LUMINANCE-METER & COLORIMETER LX*chroma*

➤ Precise low level luminance measurements

➤ Spectral colormetric measurement with the 256-BI-Tec-Sensor

➤ Large display for easy reading

➤ New compact design intergrates stray light tube, a camera and a display

➤ Inclination sensor for precise user alignment

SPOT-LUMINANCE-METER LX*can*

➤ Both distance and contact measurement

➤ Easy targeting with a bulit-in camera

➤ Real-time measurement

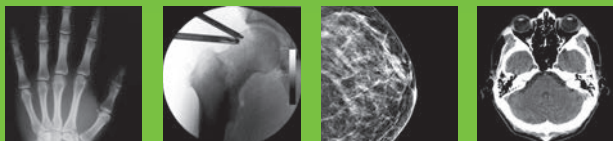➤ Alignment and adjustment of measurement with large backlight display

ILLUMINANCE DETECTOR LX-LS

➤ Recommended accessory for LXcan / LXchroma for additional illuminance measurements

➤ The ambient light of image display devices

➤ At viewing boxes

MagicMaX *Universal* Full-QA for all radiology imaging modalities!

Radiography + Fluoro + Mammo + CT

➤ **High Precision:** high time resolution of 0.1 ms

➤ **All Modalities in One Device:** 21 kV – 160 kV
(full detector flexibility, twin detector port)

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DISCOVER MORE ONLINE

See MagicMaX
at YouTube
(ibadosimetry)

www.iba-dosimetry.com

IBA Dosimetry America
3150 Stage Post Drive, Suite 110
Bartlett, TN 38133, USA
Tel.: +1 901 386 2242
Fax: +1 901 382 9453

dosimetry-info@iba-group.com

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www.iba-dosimetry.com