

Quality Assurance in Medical Imaging

MagicMaX^{Universal} Multimeter

Beam QA for all X-ray modalities



Key Benefits

- Time saving**
 Plug and play, 1 minute fast setup
- One-Shot full QA**
 Beam & Image verification in one x-ray: micro footprint detector for unobstructed test plate
- One solution for all modalities**
 Radiography / Fluoro / Mammo / CT
- Advanced Software**
 Fast total overview as well as comprehensive expert level detail and reporting

Technical Specifications

MagicMaX Universal Base Unit

External Input Connector:	LEMO triaxial male (NIM-CAMAC)
Interface Type	USB 2.0, full speed compatible
• Max. data rate • Max. USB load • USB connector type • USB cable type • Max. USB cable length	• 12 Mbit/s • 2 Unit Loads (200mA) • USB Mini-B • USB 2.0 compliant ($t_{\text{delay}} < 5.2 \text{ ns/m}$) • 5 m (16.4 ft)
Leakage Current:	$\leq 0.1 \text{ pA}$
Max. Input Current:	$\leq -3 \text{ }\mu\text{A}$
Power Supply:	Powered through USB connection
Resolution:	Approx. 0.1 pC
Size (L x W x H):	Approx. 100 mm x 30 mm x 20 mm (3.9" x 1.2" x 0.8")
Start Up Time:	10 s
Wave Form	Single-phase to high frequency
• Recording time resolution • Max. recording time	• 0.1 ms (depending on PC performance) • 300 s (depending on PC memory space)
Weight:	Approx. 75g (0.17 lbs)

