



SCAN QUALITY DATA DAILY

Comprehensive beam verification and analysis



● JUST ONE MEASUREMENT

Capture and analyze all your beam parameters with just a single beam delivery, allowing for quick and detailed measurements of constancy, flatness, symmetry and X,Y diagonals.

● WATER PHANTOM FREE

Accuracy within 0.5% of a traditional water phantom, but none of the hassle.

● OPTIMIZED DETECTOR LAYOUT

453 air-vented pixel ionization chambers with optimized geometry and 5 mm positioning allow for accurate machine QA, including dosimetric, mechanical, gating and MLC testing.

● FAST AND EFFICIENT DESIGN

Seamless one-time setup of measurement geometry, queues, and analysis protocols.

Features

Fast, Real-Time Measurements & Analysis

- Efficient execution of pre-defined queues and simultaneous measurement capability results in analysis of: field width and penumbra, flatness and wedge check, beam center, light-radiation field coincidence, dose output and energy verification.
- Full MLC test verification including positioning, picket fence and leaf speed.

Automated Archiving

- Automatic database storage ensures data integrity and enables advanced sorting, grouping, and filtering.

Customizable Interface

- Customizable measurement settings allow for creation of unique templates and data analysis with user-specified tolerances or reference measurements comparison.

Robust Reporting

- Automatically compare measurement sets of each energy with the reference values.
- Generate test reports based on chosen pass/fail criteria and reference values.
- Quickly print all measured and archived data.

Easy Data Collection & Comparison

- Easily compare data with dedicated trend analysis via the simplified yet comprehensive interface.
- Print single reports for all or individual measured parameters.
- Unique SQL database reporting allows for long term trending analysis.

Optional Gantry Holders & Build-Up Plates

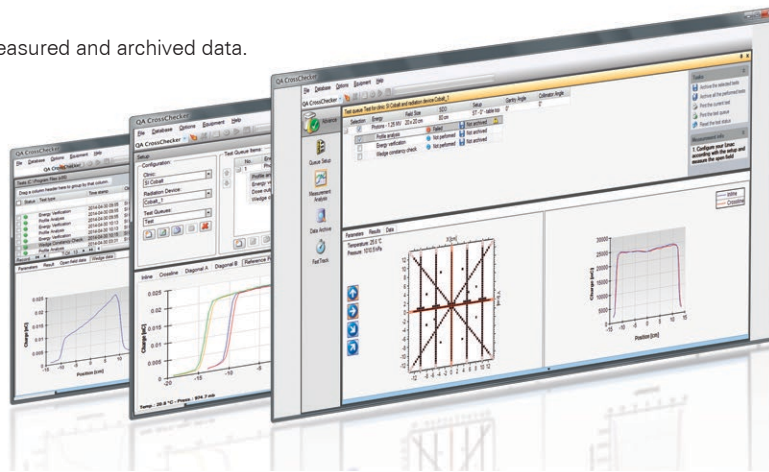
- Easy to attach gantry holders enable precise and rigid mounting.
- Various build-up plates available for verification of all linac energies.

Optimized Data Collection

- 40 X 40 cm field measurement (with 76 cm SSD gantry mount).
- Parallel readout from independent electrometers.

Versatile Verification Plates

- Optional energy constancy verification plates allow for measurement of electron and photon beams.



QA CROSSCHECKER SPECIFICATIONS

Photons	4 to 25 MV
Electrons	4 to 22 MeV
ION CHAMBER	
Diameter	3 mm
Height	4 mm
Volume	0.035 cm ³
In-plane Resolution	5 mm
Cross-plane Resolution	5 mm
Diagonal Resolution	7 mm

SOFTWARE SPECIFICATIONS	
Operating system	Windows Vista® Windows® 7
Processor	Pentium® (or equivalent), 1.8 GHz or better
Memory	2 GB RAM or greater
Hard Drive	6 MB available, 40 GB for data archiving
Screen resolution	1024 x 768 or higher
Ports	Available Ethernet required

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