Seamless Energy Constancy Verification Plates
Accompanying software automatically compares measurement sets of each energy with the corresponding set of reference values. A test report is created to track chosen pass/fail criteria and reference values.
- Electron beams from 4 to 22 MeV
- Photon beams of any energy from 4 to 25 MV

View Data in Graphical or Tabular Format
Automated archiving in a database with advanced search functions for grouping, filtering and sorting. Easily compare and trend using a simple, yet comprehensive interface.
Print out measured and archived data, and generate comprehensive test reports based on the user-defined tolerance levels and reference values. You can also print out measured and archived data for a single test or an entire data set.

Customizable Interface
Create unique templates and data analysis routines. Compare results to reference measurements or user-defined tolerances for data specific to your clinic. Use Free Measurement Mode for fast checks and in-depth beam steering in real time.

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<table>
<thead>
<tr>
<th>QA CROSSCHECKER SPECIFICATIONS</th>
<th>SOFTWARE SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Photons</strong></td>
<td>Operating system</td>
</tr>
<tr>
<td>4 to 25 MV</td>
<td>Windows Vista®</td>
</tr>
<tr>
<td><strong>Electrons</strong></td>
<td>4 to 22 MeV</td>
</tr>
<tr>
<td><strong>ION CHAMBER</strong></td>
<td>Processor</td>
</tr>
<tr>
<td>Diameter 3 mm</td>
<td>Pentium® (or equivalent), 1.8 GHz or better</td>
</tr>
<tr>
<td>Height 4 mm</td>
<td>Memory</td>
</tr>
<tr>
<td>Volume 0.035 cm³</td>
<td>2 GB RAM or greater</td>
</tr>
<tr>
<td>In-plane Resolution 5 mm</td>
<td>Hard Drive</td>
</tr>
<tr>
<td>Cross-plane Resolution 5 mm</td>
<td>6 MB available, 40 GB for data archiving</td>
</tr>
<tr>
<td>Diagonal Resolution 7 mm</td>
<td>Screen resolution</td>
</tr>
<tr>
<td></td>
<td>1024 x 768 or higher</td>
</tr>
<tr>
<td></td>
<td>Ports</td>
</tr>
<tr>
<td></td>
<td>Available Ethernet required</td>
</tr>
</tbody>
</table>

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EFFICIENT & RELIABLE MACHINE QA

Comprehensive beam verification and analysis
**QA CrossChecker provides the perfect solution for beam and machine verification** — without the hassle of large phantoms. Coupled with powerful software, the QA CrossChecker is accurate to within 0.5% of a traditional water phantom, making it the easiest way to verify beam output.

With a powerful interface and a host of customizable components, the QA CrossChecker software is an essential tool for comprehensive machine verification and workflow optimization. Quickly perform all of your daily, weekly or monthly checks via seamless, pre-defined queues and protocols.
Optimized Detector Positioning for Key Linac QA Routine

453 air-vented pixel ionization chambers with optimized 5 mm spacing allows for accurate machine QA including dosimetric, mechanical, gating and MLC performance testing. Parallel readout from independent electrometers allows for fast measurements.

Water Phantom Free

Compare results to water phantom baselines and achieve accuracy within 0.5%. Perform accurate monthly machine QA without the hassle of a water phantom.

Only One Delivery Required

Capture and analyze all parameters with just a single beam delivery, allowing for quick and detailed measurements of constancy, as well as flatness and symmetry along all four axes (in-plane, cross-plane, and diagonals). QA CrossChecker is designed to achieve fast and efficient workflow. Set up and record your measurement geometry, queues and analysis protocols once. A fast and efficient design ensures only one-time setup of measurement geometry, queues, and analysis protocols.

Pair with Software for Lightning Fast Reports

QA CrossChecker automatically compares energy measurements with their corresponding reference values. Test reports are created according to user-defined tolerances, and include reference values, allowing you to easily identify changes in your machine.

Real-Time Measurements and Analysis

Execute pre-defined queues with consecutive measurement and analysis of:

- CAX field width and penumbra
- Symmetry, flatness and wedge check
- Dose output and energy verification
- Inline, crossline, and diagonal profiles
- Light-field vs. radiation-field check

Tolerances can be set by manual input or reference measurements.