Drive Efficiency and Consistency

SunCHECK™ Machine integrates all your Machine QA needs – from Daily Output checks to Annual QA tasks, and everything in between.

Through a single web-based software application, all data and results are stored in the central SunCHECK database. With direct device connectivity and control.

One point of access to Machine QA data, protocols and operation provides visibility for all stakeholders, with easy verification that your QA tasks are on-time and complete.

“To ensure patient safety, completion and results of on-time QA must be easy to locate and interpret.”

Source: AAPM TG-142
Daily, Monthly, Annual QA

**SNC Routine™**

Ensure standardization among machines and clinics with shared tolerances. Apply ready-to-use, but customizable templates for efficient QA. No more spreadsheets!

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Direct Device Connectivity

**SNC Routine™**

Automate beam measurement with direct device integration to Sun Nuclear’s Daily QA™ 3, IC PROFILER™ and PC Electrometer. Eliminate the need for additional software and transfer of data. Complete your entire TG-142 and DIN QA easily within the SunCHECK application.

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Imaging, MLC and VMAT QA

**SNC Machine™**

Simply deliver test beams. The acquired image or log file data is automatically processed and analyzed. Results are presented clearly, and immediately. Plus, the phantoms you most commonly use are seamlessly supported.
Integrated Machine QA in Action

Daily QA
Included templates provide out-of-the-box coverage of all your Daily QA needs. Simply connect your Daily QA 3 device for automated data collection – no transfer of information needed! Templates are provided by modality and can be easily customized to fit your needs.

The SunCHECK Dashboard: Focus on What’s Next
A single view presents all Machine and Patient-focused QA. Quickly select the task you need to complete your TG-142, DIN, or other Daily, Monthly and Annual QA protocols.
Monthly QA
Directly connect your IC PROFILER and take advantage of efficient templates for easy Monthly (and Annual) QA. Image-based tests for Imaging and MLC QA, plus VMAT QA, are included. Simply deliver the test beam, then accept or reject results on your terms and timeframe.

Using the IC PROFILER and Quad Wedges for monthly constancy and beam quality checks takes only 15 minutes for 5 beams vs. 60 minutes without.
SunCHECK Machine internal testing

Annual QA
Pre-built templates allow you to execute your Annual QA protocols with flexibility. Your data is automatically saved, and you can keep a machine's Annual QA template “In Progress” over a period of time. Just mark it “Complete” when done.
SunCHECK: Proactive Machine Analysis

With SunCHECK Machine, get ahead of your team’s machine management and compliance needs.

- Data trending tracks parameters approaching out-of-tolerance levels
- Centralized storage makes report retrieval easy
- Report templates demonstrate compliance with accreditation bodies

The end result is increased confidence, and streamlined compliance with your reporting and accreditation requirements.

“A lot of the analysis we do on things like CatPHANs, picket fences, and VMAT QA, was being done manually – manually drawing on regions of interest and entering in results. Getting rid of that process with SunCHECK Machine resulted in huge time-savings from the start.”

Greg Martin, M.Sc.,
Senior Clinical Scientist
Clatterbridge Cancer Centre
INDEPENDENT QA. YOUR WAY.
The SunCHECK Platform provides flexible workflow automation for integrated and independent QA.

Combine SunCHECK Machine with SunCHECK Patient to realize the full power of the platform.

- One Solution for Radiation Therapy QA
- Speed and Efficiency through Automation
- Access from Anywhere
- Seamless Clinical Integration

Learn more: sunnuclear.com/suncheck

SunCHECK Machine Specifications

### Supported Tasks and Tests

<table>
<thead>
<tr>
<th>Protocol Support</th>
<th>TG-142 (includes all 127 tasks defined in tables 1-6), TG-51, DIN, and others through custom templates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imaging</td>
<td>Imaging, MLC, VMAT, CBCT Image Quality, kV Image Quality</td>
</tr>
<tr>
<td>MLC/Mechanical</td>
<td>MLC Picket Fence, MLC Positioning &amp; Leaf Speed, Hancock MLC, Winston-Lutz Radiation &amp; Machine Isocenter, Hancock Winston-Lutz, Gantry/Couch/Collimator Starshot, Light/Radiation Congruence</td>
</tr>
<tr>
<td>Beam</td>
<td>Field Size, Beam Flatness, Beam Symmetry</td>
</tr>
<tr>
<td>VMAT</td>
<td>Dose Rate versus Gantry Speed, Leaf Speed, Arc Point Dose, DMLC Point Dose</td>
</tr>
</tbody>
</table>

### Connected Sun Nuclear Devices

<table>
<thead>
<tr>
<th>Daily QA™ 3</th>
<th>5 Beam Quality Checks and Real-Time Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC PROFILER™</td>
<td>Full-Field Measurements of X, Y, Diagonals for Close Dosimetric Match to Water Tanks</td>
</tr>
<tr>
<td>PC Electrometer</td>
<td>Perform Beam Measurements with quick one-step process</td>
</tr>
</tbody>
</table>

### Phantom Compatibility

<table>
<thead>
<tr>
<th>Sun Nuclear</th>
<th>MV-QA, kV-QA, FS-QA, WL-QA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gammex</td>
<td>ACR 464 Phantom</td>
</tr>
<tr>
<td>Standard Imaging</td>
<td>PipsPro Phantoms</td>
</tr>
<tr>
<td>Phantom Laboratory</td>
<td>CatPhan 503, 504, 600, 604</td>
</tr>
<tr>
<td>Leeds</td>
<td>TOR 18FG</td>
</tr>
<tr>
<td>Varian</td>
<td>Las Vegas Phantom</td>
</tr>
<tr>
<td>PTW</td>
<td>EPID QC Phantom</td>
</tr>
</tbody>
</table>

See sunnuclear.com for product specifications.
SunCHECK™
Used by 600+
Clinical Sites Worldwide

Platform  Patient  Machine

sunnuclear.com

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