

Daily QA™ 3

Daily Beam Quality Analysis
in One Measurement



PEO B.V.

info@gotopeo.com
www.gotopeo.com

The Netherlands

Havenweg 16, 6603 AS Wijchen
+31 (0)24 648 86 88

Belgium

Watermolenstraat 2, B-2910 Essen
+32 (0)3 309 32 09

CoC 34107894

VAT NL807859151B01

IBAN NL29 RABO 0356 1960 46

BIC RABONL2U



Daily Beam Quality Analysis in One Measurement

Daily QA™ 3 sets the standard for efficient and powerful routine QA. A single beam measurement results in five beam quality checks. Accepted data is automatically written to a SQL database in real time, where it is available for trending, review and analysis.

Features & Benefits

- Five beam quality checks
 - Output, flatness, symmetry, field size, energy
- Supports rotational and FFF beams
- Shape constancy and field size shift for FFF beams
- No flipping or additional buildup required for any test or energy
- Wireless Option - rf-Daily QA™3
 - Cable-free, wireless
 - Keeps cables off treatment room floor for enhanced safety
 - Uses rf connection for reliability
- 13 ion chambers measure output, flatness, symmetry, energy
- 12 SunPoint® Diode Detectors measure light-radiation field coincidence
- Automatic temperature and pressure corrections
- Integrated buildup; no additional buildup required
- Daily test queue two-step operation - 'Start' to begin queue, and 'Record' to accept
- Real-time measurements – view data instantly
- Use different Daily QA 3 devices for a template without creating a new baseline
- Export PDF reports
- Interfaces with the IMF™ or GMF™
- MR version (DailyQA-MR) available
- SQL database for added security and access control

Daily QA 3 Software

After a measurement is accepted, all collected data is saved for analysis and reporting. Recording data will also initiate the next test. Users can conduct a new test, scheduled or unscheduled, at any time and data is saved in the database.



Daily QA 3 software provides a graphical presentation of data for each template. Users have the option to choose which data parameters to view and over what period to view them. A single measurement instance can be examined by clicking on a data point which corresponds to a particular measurement.

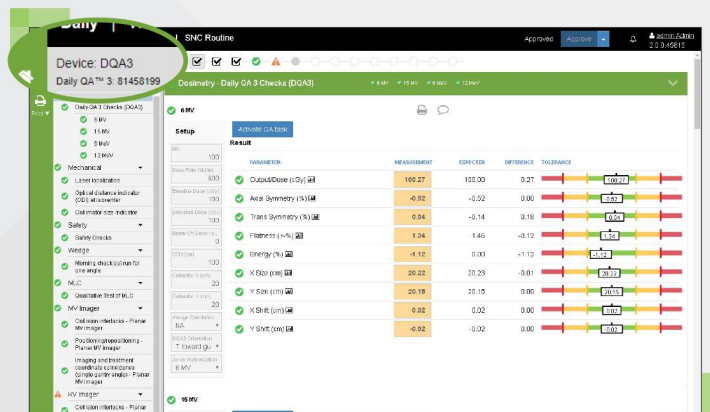
INTEGRATION

Integration with the SunCHECK™ Platform

The SunCHECK Platform has direct device connectivity and control to Daily QA 3 supporting out-of-the-box coverage of all your TG-142 Daily QA needs.

Smarter Daily QA

TG-142 pre-set templates streamline Daily QA. 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.



Specifications



Detector Type: SunPoint® Diode Detectors
Vented Ion Chambers

Detector Spacing: (mm) Diodes: 5.0

Chamber Active Volume: (cm³) Electron: 0.6
Photon: 0.3

Field Size: (cm) 20 x 20

Inherent Buildup: (g/cm²) Chambers: 1.0 ± 0.1

Inherent Backscatter: (cm) 2.3

Electron Energy Attenuation: Air, Cu, Al, Fe

Radiation Measured: Electrons, 4 MeV to 25 MeV
Photons, Co-60 to 25 MV

Rf Frequency (rf-Daily QA 3): (GHz) 2.400 to 2.485

Operating System: Windows 10 Professional

Dimensions: L/W/H (cm) 40.8 x 25.6 x 4.6

Weight: (kg) 5.7

Number Of Connection Cables: Single power / data cable

Optional Accessory

Use the IMF to position the Daily QA™ 3 or rf-Daily QA™ 3 at isocenter and measure at any gantry angle.

IMF™

