Rt ROUTINE

# Daily QA™ 3

## Daily QA Accelerated

The most advanced and easy to use instrument for routine quality assurance of radiotherapy beams.

U.S. Patent No. 6,125,335


rf-Daily QA 3 (wireless)

Daily QA 3

### Benefits

- Utilizes both ion chambers and diodes for optimal results
- Simultaneously check:
  - Output, flatness, symmetry, field size, energy
- Deliver rotational beams if desired
- FFF beams supported
- No flipping or additional buildup required
- Trend analysis database included
- Real-time wireless version available (rf-Daily QA 3):
  - Keeps cables off treatment room floor for enhanced safety

### Hardware Features

- 13 ion chambers:
  - Output, flatness, symmetry, energy
- 12 SunPoint® Diode Detectors:
  - Measure light-radiation field coincidence
- Automatic temperature and pressure correction
- Integrated buildup; no additional buildup required
- Real-time measurements

### Software Features

- Simple two-step operation - 'Start' and then 'Record'
- Real-time display of measured data
- Green, amber or red light indicates pass, warning, or fail
- Sophisticated analysis options with the click of a mouse
- Use different devices for a template without creating a new baseline
- Exports PDF reports

### Optional Accessory

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

IMF™

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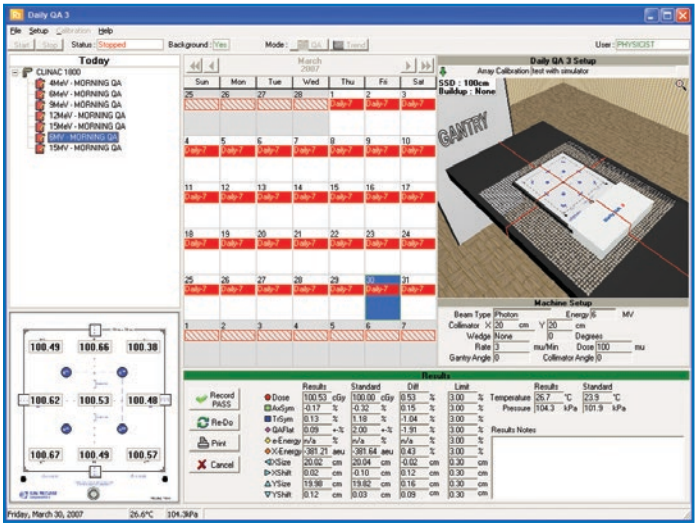
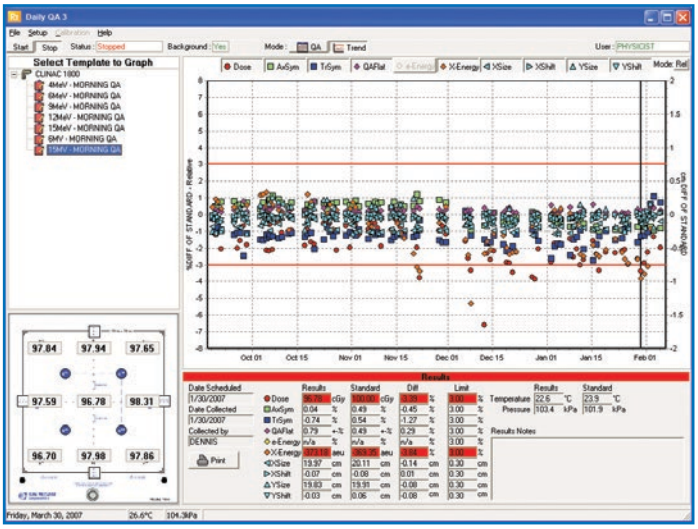
Your Most Valuable QA and Dosimetry Tools

## Software

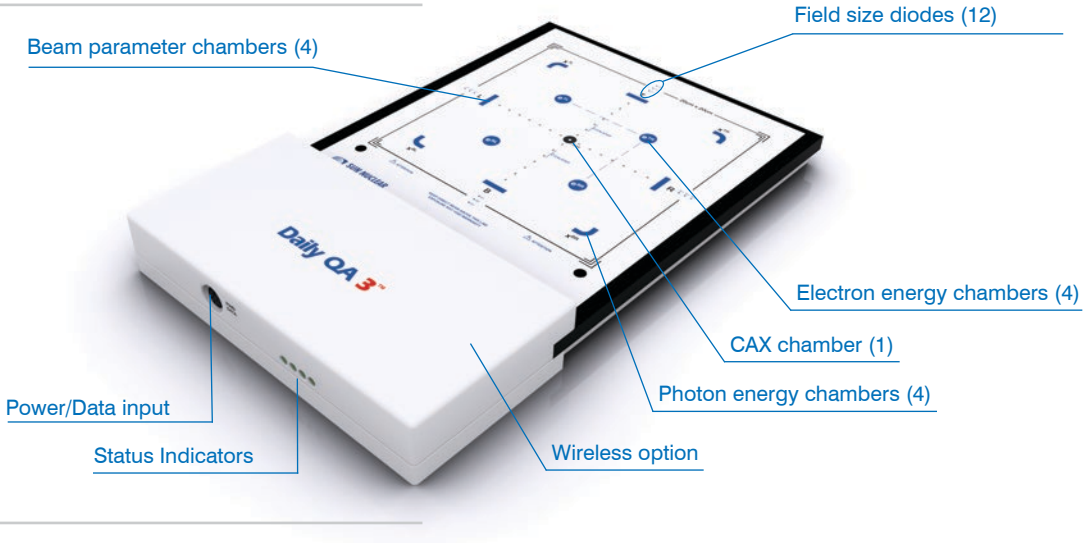


After a measurement is accepted, all collected data is saved for statistical analysis and reporting. Recording data will also initiate the next test. Users can conduct a new test, scheduled or unscheduled, at any time and data is saved in the database.



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 day.

## Features




## Specifications

| | |
|---|---|
| Detector type: | SunPoint® Diode Detectors<br>Vented Ion Chambers |
| Detector quantity: | Diodes: 12 total<br>Chambers: 13 total<br>1 CAX<br>4 Primary<br>4 X-energy<br>4 e-energy |
| Detector spacing (mm): | Diodes: 5.0 |
| Chamber active area ($cm^3$): | Electron: 0.6<br>Photon: 0.3 |
| Field size (cm): | 20.0 x 20.0 |
| Inherent buildup ($g/cm^2$): | Chambers: 1.0 ± 0.1 |
| Inherent backscatter ($g/cm^2$): | 2.3 |
| Electron energy attenuation: | Air, Cu, Al, Fe |
| Radiation measured: | • Electrons, 4MeV to 25MeV<br>• Photons, Co-60 to 25MV |
| rf Frequency (rf-Daily QA 3): | 2.400 to 2.485GHz |
| Operating system: | Windows 2000, XP, Vista, 7 (32-64bit) |
| Dimensions / Weight: | 25.6 x 40.8 x 4.6cm / 5.7kg |
| Number of connection cables: | Single power / data cable |



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