



myQA[®] Daily

easy, efficient, and accurate morning QA

myQA[®] Daily

easy, efficient, accurate by design

myQA Daily is the only solution for fast, easy, and high-quality morning Linac QA.

The largest number of ionization chambers provides more beam data for more accurate beam quality verification.

The web-browser-based myQA Daily application allows flexible test execution from any network PC or tablet and easy access to test results.

Workflow simplicity

myQA Daily is optimized for your daily QA efficiency. The complete morning QA is typically completed in less than 5 minutes, from detector setup to measurement to test result.

1

Fast and easy setup

- Simple setup of the detector on the treatment couch
- Connection to the network application via Wi-Fi or Ethernet cable

2

Beam-triggered measurements

- The detector is waiting for the beam
- Automatic measurements of all beam energies in a single test run

3

Instant results

- Immediate and automatic processing of the measurements
- Instant display of pass/fail test result

4

Test analysis and archiving

- Test results and optional comments are stored centrally for in-depth reviews, trend analysis, and reporting.



125 Ionization chambers

provide the largest amount of measured beam data of any available daily QA device. This means a more accurate morning QA and trend analysis of dose output, flatness, symmetry, center, field size, and energy.

High-resolution centerline measurements

The 31 ionization chambers for each centerline offer greater beam measurement accuracy, especially in the penumbra regions. This allows a finer analysis of daily beam characteristics as well as earlier detection of suspicious trends.

Energy constancy checks

Dedicated ionization chambers with integrated absorber material automatically verify the photon and electron energy constancy – all with the same beam and detector setup. There's no need to manually add buildup material, to change the setup, or to flip the detector.

Field size flexibility

The detector layout provides the flexibility to perform daily QA tests with standard 20x20 cm² or smaller 10x10 cm² beams.

Light field check

Field size markers permit easy verification of the light field's conformity with the radiation field.

Wireless connectivity

The real-time Wi-Fi data exchange and rechargeable battery allow wireless daily QA setup and measurements. The cable-free design enables a convenient workflow and makes it easy to use at multiple Linacs.



Instant results at your fingertips

The server-based myQA Daily software application is the backbone of seamless morning QA checks. The software easily guides the user through just a few steps.

User-friendly software

The morning makes the day, right?

Imagine you start the day using software that's as simple and fast as your weather app.

The myQA Daily software is operated easily in a web browser from any workstation, laptop, or tablet PC that's connected to your hospital network!

Easy daily QA test interface:

Simply start the application to have your daily test run automatically ready. For test execution, the menu guides you easily through just a few steps.

With one click, multiple beam energies are automatically measured in a single test run. The measurements are instantly analyzed, and results are displayed in an intuitive pass/fail view.

You may also include additional checklist tests in your daily QA test routine, such as "Door Interlock" or "Audiovisual Monitoring."



The software provides an intuitive overview of the accuracy of all tests. Each test result can be verified in a detailed view compared with the expected result.

Advanced review and admin interface:

All your test data is automatically documented in the central database and is easily accessible from anywhere in the network!

This enables comprehensive analysis of your daily measurements as well as trend analysis. You can also easily configure hospital-specific test runs, or manage your admin rights for different users.



Each test parameter can be verified in a comprehensive trend analysis, allowing you to detect negative trends before your Linac will fail tests.

The server-based software enables easy and fast integration into an existing IT infrastructure. Furthermore, you can execute tests and review your results on any device.

PROTECT +
ENHANCE +
SAVE LIVES



Sensor design

Type of detectors	125 ionization chambers, carbon electrodes
Energy verification	Built-in attenuation material
Inherent buildup	6.8 mm ABS

Performance

Photons	Co-60 to 24 MV
Electrons	4 MeV to 24 MeV
Dose	Unlimited
Dose rate	≥ 1 Gy/min, ≤ 24 Gy/min
Dose/pulse	Max. 0.3 cGy/pulse

Connectivity

myQA Daily detector	Ethernet or Wi-Fi connection to the server; additional LAN port
myQA Daily software	Ethernet or Wi-Fi connectivity to the server via the hospital network

Electrical

Power	Battery and ext. battery charger 9V DC power supply [included]
--------------	----------------------------------------------------------------

Software

myQA Daily software/database	Installed centrally on a server or on a PC, web browser application via network workstation, or tablet PC
-------------------------------------	-----------------------------------------------------------------------------------------------------------

DailyQA_Rev1_1018_E | © IBA 2018 | All rights reserved | Manufacturer: IBA Dosimetry GmbH
 Technical specifications and product features are subject to change without prior notice.
 The device may not be available in your area. For availability, please contact to your local IBA Sales organization.

IBA Dosimetry

Integrated Quality Assurance
 Europe, Middle East, Africa | +49-9128-6070
 North America and Latin America | +1-901-386-2242
 Asia Pacific | +86-10-8080-9288
dosimetry-info@iba-group.com | iba-dosimetry.com
twitter.com/ibadosimetry
[linkedin.com/company/iba-dosimetry-gmbh](https://www.linkedin.com/company/iba-dosimetry-gmbh)

