DOSIMETRY SERVICES
A MIRION MEDICAL COMPANY

Quality Assurance

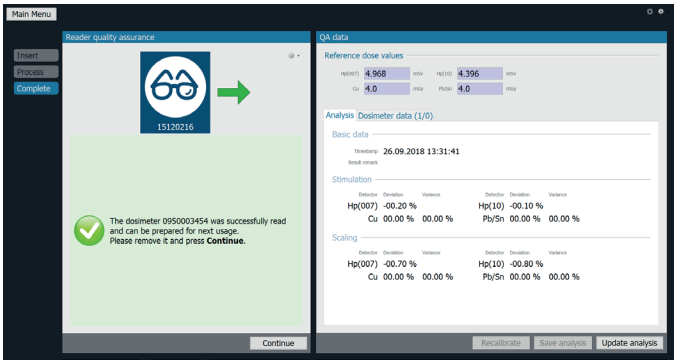
Key Features

- Control reader calibration to ensure the highest possible quality
- User-friendly
- Automatic recalibration

The Quality Assurance (QA) dosimeter is an essential solution to ensure the best reader calibration possible. The QA is easy to manage and provides automatic recalibration for its users. Combined with our software, reader calibration can be done quickly allowing the user more accuracy and time.

Quality Assurance (QA) guarantees that the BeOSL Reader measures accurately and provides automatic recalibration. Dosimetrics provides and calibrates special QA dosimeters to ensure accuracy and quality.

Why are QA checks recommended? Every BeOSL Reader has its own calibration. To ensure that the BeOSL Reader sensitivity is stable, the reader's progression should be monitored with the QA measurements to guarantee the highest quality of the measurements.



Our QA comes in the form of a dosimeter which is physically identical to the BeOSL dosimeters, however, it is labeled as "QA dosimeter." The special labeling allows a QA dosimeter to be read for a longer period of time to achieve maximum precision. What makes our QA dosimeters different is that they are not affected by fading and background effects. This means an accurate check via the reader is always available.

There are two ways the QA dosimeters can be used. The first option is to rent them already irradiated as a QA flexKit. The QA flexKit contains QA dosimeters irradiated by a German quality-checked irradiation facility, control dosimeters (also called "Controls") to consider natural background (i.e., by air freight) and/or inevitable radiation (i.e., during customs inspections) as the QA flexKit was created in an accredited lab. It comes with an irradiation certificate.

The process for getting a QA flexKit is simple. Our Technical and Sales Support Team can help calculate the exact number of quality assurance and control dosimeters that are needed to fit any sized dosimetry service. We provide individual solutions to ensure what's best for every customer. Our software helps guide the user through the quick and easy QA process (see the Lab Client Manual for further details). Combined with our software, the QA dosimeters and control dosimeters provide automatic calibration to the user. This means safe, precise measurements are always accessible.

The second option is that the QA Dosimeters can be purchased. If the user opts for this option, then their QA Dosimeters have to be irradiated by a local irradiation lab.

For additional information including pricing, please contact the Sales team at sales@dosimetrics.de.

Technical Specifications

QA flexKit:

- QA Dosimeters (irradiated)
- Control Dosimeters
- USB data stick
- Irradiation certificate
- Storage time: up to six months

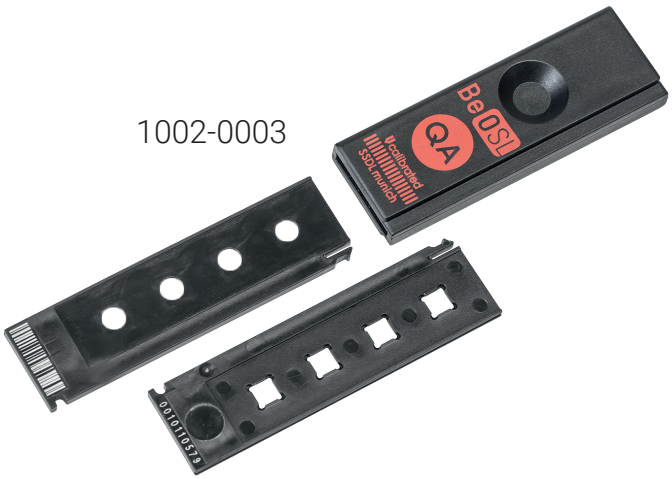
Dosimeter Types:

- Two-Element BeOSL Dosimeter
- Four-Element BeOSL Dosimeter

Components

Article No.	Description
3015-0001	BeOSL Two-Element QA Dosimeter - QA flexKit
3015-0002	BeOSL Two-Element Control Dosimeter - QA flexKit
3015-0003	BeOSL Two-Element Setup Fee - QA flexKit
3015-0004	BeOSL Four Element QA Dosimeter - QA flexKit
3015-0005	BeOSL Four-Element Control Dosimeter - QA flexKit
3015-0006	BeOSL Four-Element Setup Fee - QA flexKit
1001-0019	BeOSL Two-Element Dosimeter QA
1002-0003	BeOSL Four-Element Dosimeter QA

1002-0003



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DOSImetrics
BE SMART. BE SAFE. BeOSL
MADE IN GERMANY

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