



# THE UPDATE

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## Welcome, Summer 2020!

Dear customers, partners & interested clients,

We hope this newsletter finds you safe and healthy. Despite the global pandemic, we have been keeping very busy and have some important and interesting updates for you. We hope you enjoy reading this issue of *The Update*.

All the best,

The Dosimetrics Team

DOSIMETRICS GMBH  
NEWSLETTER

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# COVID-19 UPDATE

We hope that you, your team and loved ones are healthy and safe especially amidst the COVID-19 crisis. Within our team, we are continuing to take strict measures to ensure limited contact. These new restrictions have been very successful for us; we have continued to have high production and service capacities throughout the entirety of our lockdown.

We are now in phase two of our measures. We have adapted and expanded our shift model under strict hygiene measures so that we are more efficient and have even more capacity. New orders are always welcomed and encouraged!

We want to thank you all for using these two different email addresses to take care of specific contact needs/wants:

- **support@dosimetrics.de:** IT and Customer Service related questions.
- **sales@dosimetrics.de:** inquiries about products, quotes and delivery times.

## UPDATED QA FLEXKIT PROCESS

There is a new process for the QA flexKit. When one is ordered, the customer will now receive updated instructions and return forms. The instructions form explains how to use the new QA flexKit and gives pointers on how to make the best out of its limited shelf life. The most important technical data at a glance include the following:

**Irradiated dose:** 4 mGy  
**Background dose:** ~2 µGy/day  
**BeOSL threshold of the maximum background dose:** 400 µGy  
(10% of the irradiated dose)  
→  $400 \mu\text{Gy} / 2 \mu\text{Gy} = 200$  days  
(maximum background dose/background dose/day)



As a reminder, QA flexKits are a rental product and have to be returned after nine months past the shipment date. Overdue and unreturned kits will be charged the late fee. We thank you for your understanding.

To see the new QA flexKit process, click [here](#). Do you need a new QA flexKit? Please send an email to [sales@dosimetrics.de](mailto:sales@dosimetrics.de).

## NEW! BEOSL FINGER RING - BASIC



*This is a frontal view of the new BeOSL Finger Ring - Basic. It is completely black without any numbering or coding.*

There is a new Finger Ring in town! We now offer a new version of the BeOSL Finger Ring. This ring is exactly the same high quality as the original BeOSL Finger Ring, however, it is unmarked and without any numbering or coding.

The idea of the BeOSL Finger Ring Basic is to provide the user with a cost effective product so that partial body dosimeters can be readily available to their service.

Want to know more? Send an email to [sales@dosimetrics.de](mailto:sales@dosimetrics.de) to receive a quote and further information.

# FEATURED CUSTOMER: SIEVERT PROTECCIÓN RADIOLÓGICA



In this issue of *The Update*, we are featuring our new Colombian customer, a dosimetry service with headquarters based in Medellín. We had the pleasure to interview, Pablo Giraldo, the founder and the General Director.

## What is the history of Sievert?

Sievert is a company specialized in radiological protection services and personal dosimetry. Our headquarters are in the city of Medellín, Colombia and we have offices in the southwest (Armenia), center (Bogotá) and north (Barranquilla). Our nationwide team consists of around 40 employees.

We position our work to cover the needs of current and potential customers in six areas of business. Through our licenses from the Ministry of Health and Ministry of Mines: Personal Dosimetry (TLD and OSL\*), we have more than 9,000 users in nearly 1,000 client institutions throughout the country. Our areas of expertise include: quality control of radio-diagnostic equipment, specialized consultancy, official radiation protection, an extensive academic offer in radiological protection in agreement with Ces University (la Universidad Ces) and radiation protection products. Over the years, some of our services are supported by software development as well.

## How does the process to obtain the license use BeOSL in Colombia work?

The licensing processes, regardless of the reading method, are done through the Ministry of Mines and Energy. A manual has to be sent in which all service, technical and logistical components are explained in detail. Instructions, formats and procedures are

provided too. Once this step has been completed, 20 dosimeters are sent to the Ministry so that they irradiate them in doses known to them and unknown to us. Once the Ministry has the dosimeters, they carry out the whole process as described in the manual which we submitted. A dose report is made and based on the result of this intercomparison exercise, the license is obtained or not. More than 10% of the doses cannot be missed in this process. We are currently in the middle of this process and waiting the approval to be licensed to use BeOSL in the very near future!

## What plans does Sievert have for the future?

Our plans are to strengthen and expand the alliances we have with some companies abroad; this includes, of course, Dosimetrics. We want to increase our market share in Colombia in the business lines, mainly in dosimetry and in the long term, expand our operation to other countries through alliances with interested parties. We have done important work in the digitalization of the company and in the strengthening of all its areas (Administrative, Commercial, Logistics, Technology and Innovation) and we are ready to operate in any country.

## Is there any other relevant information that you'd like to share with us and with other Dosimetrics users?

At Sievert we are inspired by our values of integrity, tolerance, responsibility, sense of belonging and excellence, to create products that meet the needs of our customers, which meet the requirements demanded by the legislation, and thus offer differentiators that make us unique.

For more information about Sievert, please visit their website: <https://www.sievert.com.co/>



*This photo is from the Dosimetrics training and installation in Medellín. Featured in this photo (from left to right) are: Pablo, Gerd, Tobias, Diana and Diego.*

\*in the process of licensing.

# NEW! LOW COST PACKAGING MACHINE

We are pleased to present our new economical packaging machine. It is a sealing machine that can be operated very easily with a foot pedal; the user can be either sitting or standing. We offer matching blister envelopes in which the dosimeters are inserted and can then be sealed with the machine. It is possible to seal several of these envelopes at the same time and takes only a few seconds; the new packaging machine can help boost shipping and packaging routines!

We would also like to thank our customer, **RODOS Laboratories**, for the inspiration to offer this product and for all of their help with the implementation.

For more information about our various packaging machine options, available blisters, delivery times and pricing, please contact our Sales Team at [sales@dosimetrics.de](mailto:sales@dosimetrics.de).



*This is the Two-Element BeOSL Dosimeter sealed inside of the plastic envelope. It was blistered together with the new packaging machine.*

## NEW! APP FROM OSL CONTROL CHILE

We are also featuring OSL Control Chile, based in Santiago, Chile in this issue of *The Update*. They have recently developed and released a new app for reading dosimeter barcodes. We had the pleasure to interview brothers, Juan Francisco and Felipe Arredondo, who are both owners of OSL Control Chile.

We always enjoy learning when our customers show high commitment and innovative spirit and encompass these types of ideas with Dosimetrics. This makes work fun! This is why we are sharing OSL Control Chile's development and especially would like to show what is possible with Dosimetrics and our BeOSL technology.

### What inspired your team to develop this app?

We were inspired to develop our app so we could improve the user experience for our customers. The app reads barcodes and facilitates an internal management of the dosimeters in different areas of a health center or an industry with more than one location. The app helps our customers to refill their dosimeters and in turn to we are able to generate an internal control system.

### Can you give a quick overview about the app?

The app is called *OSL Scan Dosimeters*. The simple application allows you to scan the external barcodes



that are on the BeOSL Dosimeters, which when printed in a reverse barcode configuration (Code 128 – white lines on a black background) cannot be detected by most applications of this type available. The scanned code is stored internally and can be sent via email in an Excel database format to .csv. This initial version was only enhanced to read reverse codes but the upcoming update will allow a wider variety of code types including QRs to be read (complemented by what appears in the iOS or Android download). Watch a demo video of the app by clicking [here](#).

### Is there any other relevant information that you'd like to share with us and the Dosimetrics users?

Today, our company's focus is on improving the experience of the end users along with our customers' technical managers. We believe that by doing this, we can further strengthen and improve the overall performance in radiation protection.

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Interested and want to know more OSL Control Chile's new app? Download the OSL Scan Dosimeters app by clicking below or scanning the QR code:

**Android**



**Apple**



Visit OSL Control Chile's **website** to learn more about what their team is up to.

**WANT TO KNOW MORE?  
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