

Your request:

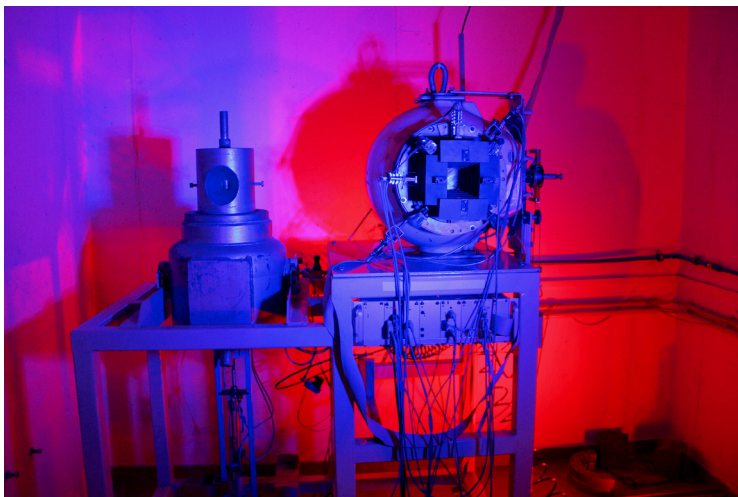
In environmental monitoring, in hospitals, in emergency services, in industry and in science and research or private use; everywhere are instruments for measuring the dose rate. Of course you would like to be sure that the used instruments will work properly.

Our solution:

We check your instruments in our accredited calibration laboratory. We provide accredited calibration for the measured quantity of ambient dose equivalent rate.

We offer:

- Cs-137 irradiation facility
- Measurement range over many orders of magnitude
- Decades of experience
- officially and internationally recognized calibration
- professional support



Accredited calibration laboratory Nr. 29

The calibration laboratory of the company Bitt Technology is accredited to ISO 17025 since June 18, 2008 for the measure ambient dose equivalent and therefore part of the Austrian Calibration Service (ÖKD). Regular monitoring is carried out by the Austrian national accreditation agency.

Photon irradiation facility

The calibration laboratory operates a collimated Cs-137 irradiation facility.

Calibration

The calibration is performed in a Cs-137 channel. By varying the distance between the source and the device to be calibrated different dose rates can be achieved in a measurement range of 300 nSv/h to 10 Sv/h. For calibration of less than 5 μ Sv/h the natural background is specifically considered.

Reference

For many years the Austrian Radiation Early Warning System trusted our expertise, more than 300 gamma probes are regularly checked and calibrated by us in our laboratory.