

CALIBRATION ORDER / REMARKS AND EXPLANATIONS

Please use the non-shaded areas to specify exactly the calibration desired.

- Calibration type: The DAkkS calibration is distinguished from the simple factory calibration by more formal set of documents, stressing the traceability to the German National Laboratory.
- The detector type is defined by the connector short sign (M, N, W, B) and this chamber's type number. In addition the name (e.g. Roos chamber) can be given.
- If the detector shall be calibrated with a specific display instrument this can be specified here.
- Mains voltage and frequency of electrometers to be delivered with this detector.
- Check source to be included in the calibration.
- Country where the detector is supposed to be used.
- Reference temperature (in this country).
- The measuring quantity for the calibration; several quantities may be checked as applicable to the specific detector (e.g. a Farmer type chamber can be calibrated in absorbed dose to water and air kerma; of course this means additional cost; see price list).
- The radiation quality for the calibration is determined by the detector type, the intended use and the measuring quantity. Typical therapy calibrations would be ^{60}Co and possibly the X-ray energies from the lower end of the detectors useful range to 280 kV if the detector is intended for use with orthovoltage installations (additional cost !). Soft X-ray calibration is always from 15 to 70 kV. An electron calibration is not available anymore.
Radiation protection qualities can be ^{137}Cs , ^{60}Co , the N-20 to N-40 Soft X-ray series or the N-60 to N-250 orthovoltage series.
- The remarks box can be used for additional information concerning e.g. administrative details like the order numbers or for specific details of calibrations like the seed type/configuration in a SourceCheck calibration.
- Detailed information about the direct correspondent in case of questions concerning the calibration is always welcome.

The PTW-Freiburg calibration laboratory hopes that using this form will reduce problems and costs both at our customers side and in our organization. Questions and suggestions about this form are always welcome and should be directed to Christian Pychlau, Tel.: +49 761 49055-66.

PTW-Freiburg

Lörracher Straße 7 • 79115 Freiburg • GERMANY
 Tel.: +49 761 49055-0 • FAX: +49 761 49055-70
info@ptw.de • www.ptw.de