



# Calibration Request for Measuring Systems in terms of $N_{D,w} / N_K$ (Co-60 beam)

## 1 General information

Customer <i>Name and full address</i>	
Contact person <i>Name, telephone and e-mail</i>	Name:
	Tel: <span style="float: right;">E-mail:</span>

## 2 Official authorization

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: .....

Please fill in the entries and submit the form using the submit button, or fax it to IBA Dosimetry Service, fax №: + 49 (9128) 607 10, or e-mail the file to [service@iba-group.com](mailto:service@iba-group.com) (subject: calibration request). Thank you for your request!

Comments	
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The calibration certificate shall contain a recommendation on the calibration interval.

*Note: According to ISO/IEC 17025: 2017-11 Chapter 7.8.4.3, a calibration certificate shall not contain any recommendation on the calibration interval, except where this has been agreed with the customer.*

The calibration will be performed according to the IAEA TRS-398/TRS-277, AAPM TG-51/TG-21, or DIN 6800-2 dosimetry protocols. Calibrations according to other national or international dosimetry protocols are available upon request.

*Please include chamber build-up caps in case of air-kerma calibration. Please include waterproof sleeves in case of in-water calibration of non-waterproof chambers.*

*If you are sending radioactive check sources, please send also their leak-test certificates, a copy of the respective permit decision, and the appropriate chamber adapters.*

## 3 Description of items to be calibrated

### 3.1 Display device (electrometer, maximum 1)

Manufacturer	
Model/Type	
Serial №	

*If your electrometer's manufacturer is other than IBA Dosimetry (or Scanditronics-Wellhöfer), please consider that we are not authorized to perform any repair or internal adjustment of the device.*

*If you are sending more than one electrometer, please submit a separate request for each electrometer and specify the chambers to be calibrated together with the electrometer in the respective request.*



### 3.2 Ionization chambers

#### Chamber A

Manufacturer			
Model/Type			
Serial №			
Polarizing voltage and collecting electrode polarity	Polarizing voltage: V	Collecting electrode polarity:	+ -
With/without electrometer calibration	calibration with the electrometer specified in paragraph 3.1	calibration without an electrometer	
Type of calibration	factory calibration	accredited calibration (SSDL)	

<i>Beam quality</i>	<i>Air-kerma</i>	<i>Dose to water</i>	<i>SSD</i> [cm]	<i>Field size</i> [cm <sup>2</sup> ]
Co-60	$N_K$	$N_{D,w}$	100	10 × 10

#### Chamber B

Manufacturer			
Model/Type			
Serial №			
Polarizing voltage and collecting electrode polarity	Polarizing voltage: V	Collecting electrode polarity:	+ -
With/without electrometer calibration	calibration with the electrometer specified in paragraph 3.1	calibration without an electrometer	
Type of calibration	factory calibration	accredited calibration (SSDL)	

<i>Beam quality</i>	<i>Air-kerma</i>	<i>Dose to water</i>	<i>SSD</i> [cm]	<i>Field size</i> [cm <sup>2</sup> ]
Co-60	$N_K$	$N_{D,w}$	100	10 × 10



### Chamber C

Manufacturer			
Model/Type			
Serial №			
Polarizing voltage and collecting electrode polarity	Polarizing voltage: V	Collecting electrode polarity:	+ -
With/without electrometer calibration	calibration with the electrometer specified in paragraph 3.1	calibration without an electrometer	
Type of calibration	factory calibration	accredited calibration (SSDL)	

<i>Beam quality</i>	<i>Air-kerma</i>	<i>Dose to water</i>	<i>SSD</i> [cm]	<i>Field size</i> [cm <sup>2</sup> ]
Co-60	$N_K$	$N_{D,w}$	100	10 × 10

### Chamber D

Manufacturer			
Model/Type			
Serial №			
Polarizing voltage and collecting electrode polarity	Polarizing voltage: V	Collecting electrode polarity:	+ -
With/without electrometer calibration	calibration with the electrometer specified in paragraph 3.1	calibration without an electrometer	
Type of calibration	factory calibration	accredited calibration (SSDL)	

<i>Beam quality</i>	<i>Air-kerma</i>	<i>Dose to water</i>	<i>SSD</i> [cm]	<i>Field size</i> [cm <sup>2</sup> ]
Co-60	$N_K$	$N_{D,w}$	100	10 × 10

### Chamber E

Manufacturer			
Model/Type			
Serial №			
Polarizing voltage and collecting electrode polarity	Polarizing voltage: V	Collecting electrode polarity:	+ -
With/without electrometer calibration	calibration with the electrometer specified in paragraph 3.1	calibration without an electrometer	
Type of calibration	factory calibration	accredited calibration (SSDL)	

<i>Beam quality</i>	<i>Air-kerma</i>	<i>Dose to water</i>	<i>SSD</i> [cm]	<i>Field size</i> [cm <sup>2</sup> ]
Co-60	$N_K$	$N_{D,w}$	100	10 × 10