Instructions to fill the request form

Please fill the PDF form completely on the computer. This form calculates automatically a total price for the calibration order according to your statements. In case of incorrect information, the price will be corrected by the calibration laboratory and will be communicated in the order confirmation. Print out the form and sign it by hand. Send us the form by fax (+49 (0)351 6580718) or as a scanned document by email (calibration@sarad.de). Please confirm with a check mark that you accept our conditions for calibration services (document "Conditions_calibration_services.pdf").

Quotation price

The price for your calibration order is determined according to the following formula:

$$P = B_A + m \cdot (n_S \cdot B_S + n_F \cdot B_F + G \cdot p_G)$$

P	Total price for the calibration calculated by the order form
B_A	Basic price for the order processing
B_S	Basic price for each instrument from SARAD production (instrument and data handling)
B_F	Basic price for each instrument from other manufacturers (instrument and data handling)
m	**Number of calibration points (300 Bq/m³ and/or 3 kBq/m³ and/or 30 kBq/m³)**
n_S	**Number of instruments to be calibrated from SARAD production**
n_F	**Number of instruments to be calibrated from other manufacturers**
G	**Total weight of all instruments to be calibrated (see below)**
p_G	Price per Kilogram (related to chamber occupation)

Bold printed values have to be entered into the form by the customer. Afterwards, the offer price can be calculated and displayed by clicking on the "Price" button. Please note that the calibration of a maximum of five devices can be ordered per order form. For a larger number of units, several order forms must be used respectively.

Instruments to be calibrated

Enter all information about the instruments to be calibrated including manufacturer, instrument type, serial number and numbers of instruments of one type.

Example:
SARAD: 2 x Radon Scout Plus (SN 1245, 1267), 1 x RTM1688-2 (SN 678).
Bertin: 1 x Alphaguard (SN 123)

Determining the total weight of the instruments to be calibrated

The total weight of the material to be calibrated is obtained by adding the up-rounded individual weights (to whole kilograms) of all the instruments to be calibrated. The following table shows the rounded weights of the measuring instruments from SARAD production.

Instrument type	**Weight of the instrument (rounded up) kg**
Radon Scout (incl. Home, Professional, PLUS)	1
Thoron Scout	2
Smart Radon Sensor	1
DOSEman	1
RTM 1688-2	4
Indoor Air Sensor	4
RTM 2xxx	6
EQF 3xxx	6

For the weight of devices from other manufacturers, please refer to the manufacturers data sheet (e.g. Bertin Alphaguard: device weight according to data sheet = 6.2 kg rounded up weight = 7 kg).

Example: Two Radon Scout Plus, one RTM1688-2 and one Alphaguard shall be calibrated. The weight to be entered in the form is then:

$$G = 2 \cdot 1kg + 1 \cdot 4kg + 1 \cdot 7kg = 13kg$$