



INDEPENDENT X-RAY  
QUALITY ASSURANCE

# PMX & Dose Meter Service Order Form

Year 2020 NO Price

The RTI Calibration Laboratory in Mölndal, Sweden is an Accredited Dosimetry Calibration Laboratory. The calibrations are traceable to international standards, and accredited by Swedac to ISO/IEC 17025:2017. Swedac is a member of the EA, IAF and ILAC.



To order a Calibration for PMX or Solidose, please fill out the Service orderform

Main Unit S/N:

### Step 1

Fill out the customer information below, include the end user information.

### Step 2

**Calibration:** Fill out page 2, 3 and 4 where the calibrations are specified. Only calibrations that are marked on the order form will be performed. Use the '*complete system calibration*' box to repeat all previous calibrations – (there's no further need to select individual calibrations). Also fill out page 5 for the returned system.

### Step 3

Complete one form for each instrument and corresponding accessories and contact RTI Service. Return the form with the instrument or send a copy to [service@rtigroup.com](mailto:service@rtigroup.com). Find Shipping info on page 6.

<b>Distributor/Customer:</b>	
<b>RTI Customer No: (Fill out if known)</b>	
<b>Contact Person:</b>	
<b>Phone/E-mail:</b>	
<b>Order Date:</b>	
<b>Your Order No:</b>	
<b>Shipping Address:</b>	
<b>Invoice Address: (If not same as shipping address)</b>	
<b>End User Information, for certificate/our records: Company Address Phone/ E-mail Contact person</b>	
<b>Notes:</b>	

**Privacy policy:** We do not share information you give us, or any information related to instruments supplied by you, with any third parties unless RTI legally are compelled to do so. Please also see our Privacy policy on [www.rtigroup.com/privacy-policy/](http://www.rtigroup.com/privacy-policy/)



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**9613324-00 Complete system calibration** (Repeat of previous calibrations - no need to select individual calibrations)

9613321-01 12 months - Next calibration date on certificate

9613321-00 24 months - Next calibration date on certificate

9613322-00 End user Address on certificate (We take the address from the page 1 end user field)

## PMX-I

9602241 Cal PMX-I R \*

9602242 Cal PMX-I M \*

9602244 Cal PMX-I CT \*

9602243 Cal PMX-I D \*

\* No Adjustment is made on the PMX-I, Only check measurement.

## PMX-I QA-Kit

The PMX-I QA-kit calibration includes calibration of:

PMX-I, Solidose electrometer, R100 BQ R2 (A), R1 (B), and M1 (D) if present.

Calibrations of additional ADI:s has to be specified on next page.

9650231-02 Reg/Adj/Cal PMX-I R \*

9650232-02 Reg/Adj/Cal PMX-I M \*

9650233-02 Reg/Adj/Cal PMX-I CT \*

9650234-02 Reg/Adj/Cal PMX-I D \*

\* No Adjustment is made on      Please specify serial numbers below:

the PMX-I, Only check

measurement. The

Solidose electrometer is

adjusted if needed.

PMX-I

Solidose

R100

## PMX-III

9603262 Cal PMX-III, kV and electrometer \*

\* No Adjustment is made is made on the PMX-III kV and AMP-1, Only check measurement.

\* Fill out detectors and Probes on next page.

## Solidose 308

9606214-02 Reg/Adj/Cal Solidose 308

Includes electrometer and detector calibration of one Beam Quality. Fill out Beam Quality on next page.

## Doseguard 100

9608201-02 Reg/Adj/Cal Doseguard 100

Includes electrometer and KAP chamber calibration. Choose one, how the kap chamber should be calibrated:

9608202-02 Reg/Adj/Cal Incident Radiation to KAP chamber - Standard

9608203-02 Reg/Adj/Cal Transmitted radiation through KAP chamber

## Solidose 300/400

9606213-02 Reg/Adj/Cal Solidose 300/400 electrometer

Solidose 300 and 400 could have various accessories. Fill out detectors and Probes on next page.



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## R100 Dose Probe

- 9603270-02 Reg/Adj/Cal BQ A, (Rad, W/23 mm Al)
  - 9603278-02 A(P1)\*\*
  - 9603279-02 A(P2)\*\*

\*\* Must be combined with Beam quality A, otherwise normal price.
- 9603271-02 Reg/Adj/Cal BQ B, (Rad, W/3 mm Al)
- 9603272-02 Reg/Adj/Cal BQ C (Mam, Mo/30  $\mu$ m Mo + 2 mm Al)
- 9603273-02 Reg/Adj/Cal BQ D, (Mam, Mo/30  $\mu$ m Mo)
  - 9603274-02 Reg/Adj/Cal BQ (E), (Mam, Mo/25  $\mu$ m Rh\*\*\*
  - 9603275-02 Reg/Adj/Cal BQ (F), (Mam, Rh/25  $\mu$ m Rh) \*\*\*
  - 9603276-02 Reg/Adj/Cal BQ (I), (Mam, Rh/1.0 mm Al) \*\*\*
  - 9603277-02 Reg/Adj/Cal BQ (J), (Mm, W/50  $\mu$ m Rh) \*\*\*

\*\*\*Must be combined with Beam quality D, otherwise normal price

## R25 Dose Probe

- 9603270-02 Reg/Adj/Cal BQ A, (Rad, W/23 mm Al)
  - 9603278-02 A(P1)\*\*
  - 9603279-02 A(P2)\*\*

\*\* Must be combined with Beam quality A, otherwise normal price.
- 9603271-02 Reg/Adj/Cal BQ B, (Rad, W/3 mm Al)
- 9603272-02 Reg/Adj/Cal BQ C (Mam, Mo/30  $\mu$ m Mo + 2 mm Al)
- 9603273-02 Reg/Adj/Cal BQ D, (Mam, Mo/30  $\mu$ m Mo)
  - 9603274-02 Reg/Adj/Cal BQ (E), (Mam, Mo/25  $\mu$ m Rh\*\*\*
  - 9603275-02 Reg/Adj/Cal BQ (F), (Mam, Rh/25  $\mu$ m Rh) \*\*\*
  - 9603276-02 Reg/Adj/Cal BQ (I), (Mam, Rh/1.0 mm Al) \*\*\*
  - 9603277-02 Reg/Adj/Cal BQ (J), (Mm, W/50  $\mu$ m Rh) \*\*\*

\*\*\*Must be combined with Beam quality D, otherwise normal price

## MX Dose Probe

- 9603271-02 Reg/Adj/Cal BQ B, (Rad, W/3 mm Al)
- 9603273-02 Reg/Adj/Cal BQ D, (Mam, Mo/30  $\mu$ m Mo)
  - 9603274-02 Reg/Adj/Cal BQ (E), (Mam, Mo/25  $\mu$ m Rh\*\*\*
  - 9603275-02 Reg/Adj/Cal BQ (F), (Mam, Rh/25  $\mu$ m Rh) \*\*\*

\*\*\* Must be combined with Beam quality D, otherwise normal price

## L100 Light Probe

- 9603290-02 Reg/Adj/Cal Lux/Monitor Adapter

## MAS-1 Probe

- 9603281-02 Reg/Adj/Cal MAS-1

## MAS-2 Probe

- 9603282-02 Reg/Adj/Cal MAS-2

## MAS-3 Probe

- 9603283-02 Reg/Adj/Cal MAS-3



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## WDCT/DCT-10/16 Ion Chamber

9603286-02 Reg/Adj/Cal RQR 8, (100 kV, 2,5 mm Al) 9603288-02 Reg/Adj/Cal RQR 9, (120 kV, 2,5 mm Al)

## Magna 1/3 cc Ion Chamber

9603271-02 Reg/Adj/Cal BQ R1, (Rad, W/3 mm Al)  
9603273-02 Reg/Adj/Cal BQ M1, (Mam, Mo/30  $\mu$ m Mo)

## Other Detector

|| 9613317-02 Calibration  
For prices and available beam qualities please contact RTI.

## 9613326-00 Prepaid Calibration

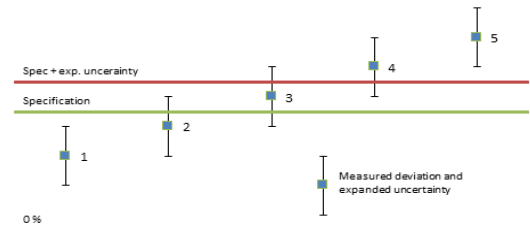
### 9613325-00 Express Service (No price calculation)

In addition to the standard calibrations with a turnaround time of 10 working days (in-house), we also offer Express Service, for additional 50% of the calibration cost, with a typical turnaround time of 3 working days (in-house). Only available when booked in advance and only for a limited amount of slots per week.

All incoming instruments are checked at RTI's ISO 17025 accredited laboratories. An 'As Found' status for the instrument is given based on comparison against certain criteria, as stated below. Guidelines for statements of compliance and non-compliance are found in GUM (Guide to the Expression of Uncertainty in Measurements), EA-4/02(Expression of the Uncertainty of measurement in Calibration) and ILAC-G8:03/2009.

The pass and fail criteria are based on Case 2 as defined in ILAC-

The shows five (5) possible measuring results with its expanded uncertainty given with a confidence level of 95%, and how the results are compared to the check limits. The check limits are the published specifications given in reference user's manuals with added expanded uncertainty of the measurement. Case 1 and 2 are indicated as Pass (within tolerance). Case 3, 4 and 5 are indicated as Fail (out of tolerance).





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**Problem report:** (please give a detailed description of the failure of the instrument and/or attach an error report)

Error report sent by E-mail to [service@rtigroup.com](mailto:service@rtigroup.com)

## How to send in your instrument:

For order outside Sweden and US, please contact our local distributor in your country, they will guide you in your choice of calibrations, repair or upgrade and how to handle the shipping. Information about your distributor if not already known can be found on our webpage [www.rtigroup.com/distributors](http://www.rtigroup.com/distributors)

If your country is missing please contact RTI Headquarters, Sweden.

For US customers please contact RTI Inc at [service.us@rtigroup.com](mailto:service.us@rtigroup.com)

## Shipping address and contact information to RTI Headquarters:

### Send your system to:

RTI Group AB  
Attn: Service  
Department  
Flöjelbergsgatan 8C  
431 37 MÖLNDAL  
Sweden

E-mail:  
[service@rtigroup.com](mailto:service@rtigroup.com)  
Phone: +46 31  
7463600

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