

CALIBRATION CERTIFICATE

Manufactured and calibrated by: *Polimaster Ltd.*
Location of Calibration: *51 F.Skoriny St., Minsk, 220141, Belarus*
Calibration Date: *24.02.2020*
Item: *Personal Radiation Detector PM1703MA-II BT*
Serial Number: *190464*

Environmental conditions

Temperature: *19,3 – 19,5 °C*
 Relative Humidity: *54,2 – 55,3 %*
 Atmospheric Pressure: *99,2 – 99,8 kPa*

Gamma Sensitivity

DER, $\mu\text{Sv/h}$	$^{137}\text{Cs}, \text{s}^{-1}/(\mu\text{Sv/h})$	$^{241}\text{Am}, \text{s}^{-1}/(\mu\text{Sv/h})$
8,0	151,35	289,80

Dose Equivalent Rate (DER)

DER	Background $\mu\text{Sv/h}$	3,0 $\mu\text{Sv/h}$	30,0 $\mu\text{Sv/h}$	70,0 $\mu\text{Sv/h}$
Tolerance, %	-	$\pm 30,00$		
\bar{H}_j	0,11	3,25	33,01	75,08
Q_j	-	4,67	9,67	7,10
$\delta, \%$	-	6,76	11,51	8,96

The instrument is within the specified tolerance and passed the quality control.

Head of Quality Control Department:



Department of Export Sales +375 17 396 3677,
 Research & Development Department +375 17 266 0527,
 Procurement Department +375 17 268 6757,
 Manufacturing Service +375 17 268 6819



Quality management system
ISO 9001

- Customer focus
- Customer satisfaction
- Continuous improvement
- System/process effectiveness

ID 15 100 148764

www.tuv-thuringen.de