



R25 R100



The R25 and R100 can be used for film and skin dose, dose rate to image intensifier, mAs linearity, HVL, reproducibility, HVL, and AEC measurements.

The R25 and R100 are ideal for field service situations since the detectors are well protected from damage by the metal housing. The detectors are very durable.

They do not need corrections for temperature or pressure and need no bias voltage.

They are designed to be insensitive to back scattered radiation; the effect is less than 1 % when placed on the top of the PMX-III.

The small size of the detectors make them convenient for measurements in the tray

Specifications

	R25	R100
Ranges with PMX-III (v 6.0)		
Dose	0.4 µGy - 9999 mGy	0.1 µGy - 9999 mGy
	44 µR - 9999 R	11 µR - 9999 R
Dose rate	0.004 mGy/s - 185 mGy/s	0.001 mGy/s - 46 mGy/s
	0.027 R/min - 1260 R/min	0.006 R/min - 315 R/min
Dose rate with AMP-1	120 nGy/s - 185 mGy/s	30 nGy/s - 45 mGy/s
	13.7 µR/s - 1260 R/min	3.3 µR/s - 315 R/min
Ranges with Solidose 300/400		
Dose	40 nGy - 800 Gy	10 nGy - 200 Gy
	4.6 µR - 92 kR	1.15 µR - 23 kR
Dose rate	400 nGy/s - 1.2 Gy/s	100 nGy/s - 300 mGy/s
	46 µR/s - 8400 R/min	11.5 µR/s - 2070 R/min
All specifications can be changed without prior notice.		

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