



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. | | |

© Elimpex-Medizintechnik, Spechtgasse 32, A-2340 Moedling, Austria
 phone +43-2236-410450
 fax +43-2236-410459

