

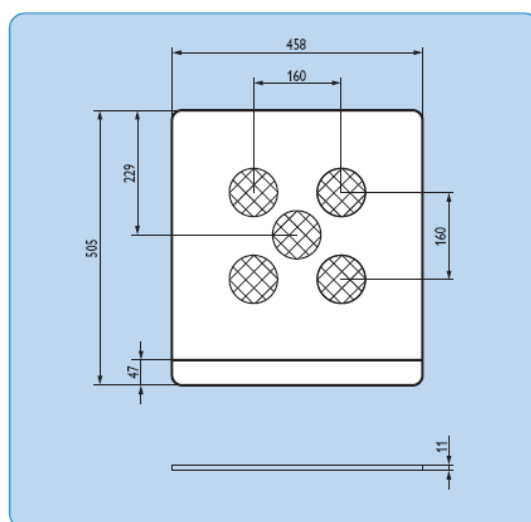


5-Field Ionization Measuring Chamber

Product Highlights

- Extremely reliable
- Solutions for RAD applications
- Five field for conventional technique

Technical Data	
Number of measuring fields	5
Sensitivity typical at 70 kV, 21 mm Al	0,6V/mGy
Dose Signal Range	0.08 to 10V
Dose range	0.5 to 15 μ Gy
Sensitivity tolerance between measuring fields	\pm 10%
Absorption equivalent to aluminium	0,8 mm
kV range	40 – 150 kV
Exposure time range	1 ms – 6 s
Difference in optical density caused by electrodes	Not visible
Response time of dose rate signal	\pm 0.25 ms
Signal frequency	up to 100 exposures / s
Reproducibility	1%
Long term stability	10%
Ionization voltage	360 V – 550 V
Current	0,1 mA max.
Supply voltage	Supply voltage \pm 15 V
Extended range	12 V – 16 V
Current	20 mA max.
Cable length	max. 30m
Environment conditions	Environment conditions
Temperature	10 – 40°C
Humidity	max. 85 % rel. H.
Atmospheric pressure	700 – 1080 hPa



Dimensions in mm