

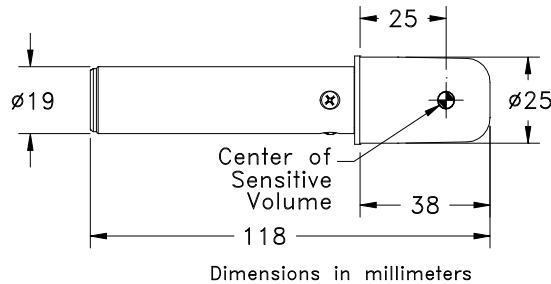


10X6-6
The General Purpose, in Beam Chamber

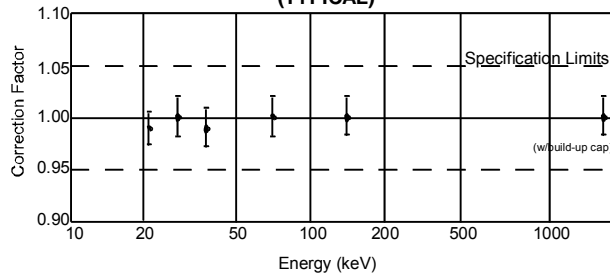
A well documented wide dynamic range chamber with many dose and rate applications. Also recommended for measuring exposure time in Auto Dose mode. The range of time (pulse width) extends from 10ms to 9999s.

Specifications¹

Rate Specifications	2 μ R/s - 17 R/s 20 nGy/s - 149 mGy/s
Exposure Specifications	10 μ R - 59 kR 100 nGy - 516 Gy
Cine Specifications:	0.1 μ R/f - 1 R/f 1 nGy/fr - 10 mGy/f
Auto Dose Threshold	2 mR/s 19 μ Gy/s
Calibration Accuracy:	\pm 4% using X-rays @ 60kVp & 2.8 mm Al HVL
Exposure Rate Dependence:	\pm 5%, 0.4 mR/s to 80 R/s, up to 500 R/s for 50 us pulses
Energy Dependence	\pm 5%, 30 keV to 1.33 MeV (with build-up material)
Construction:	Concentric cylinder. Polycarbonate walls and electrode. Conductive graphite interior coating. 6cm ³ active volume. 0.05kg



-6 Ion Chamber
Energy Dependence
(TYPICAL)



¹Specifications apply when used with Accu-series control unit.