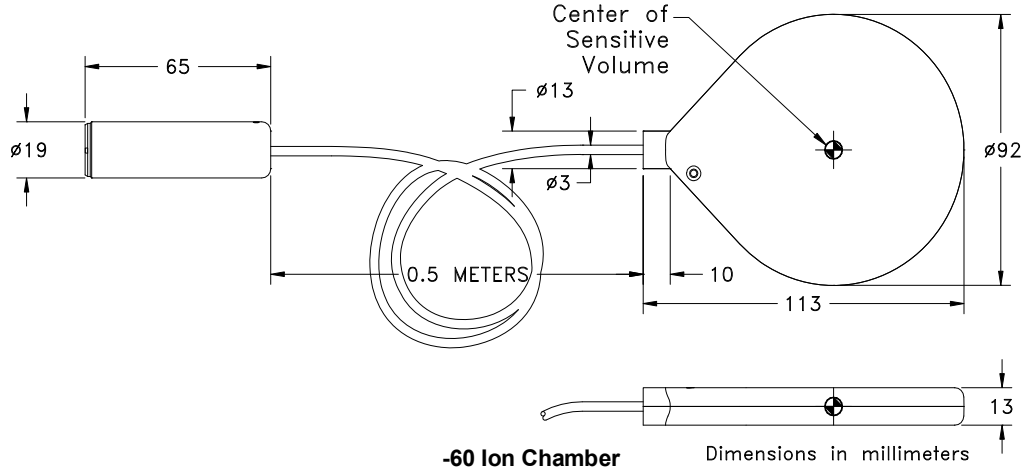
Radcal®
WWW.RADCAL.COM

10X6-60
The 'Service' Chamber

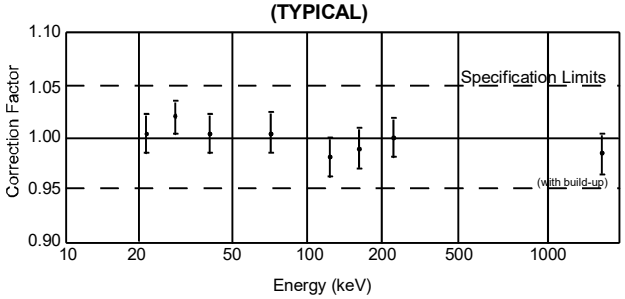
This thin profile makes it ideal for low input dose at an image receptor and many other uses.

Specifications[1]

Rate Specifications	200 nR/s - 2 R/s 2 nGy/s - 19 mGy/s
Exposure Specifications	1 µR - 5.9 kR 10 nGy - 52 Gy
Cine Specifications:	0.01 µR/f - 100 mR/f 0.1 nGy/fr - 1.0 mGy/f
Auto Dose Threshold	216 µR/s 2 µGy/s
Calibration Accuracy:	±4% using X-rays @ 150 kVp & 10.2 mm Al HVL
Exposure Rate Dependence:	±5%, 2 mR/min to 199 R/min
Energy Dependence	±5%, 20 keV to 1.33 MeV (with build-up material)
Construction:	Parralel plate. Polycarbonate wall. Conductive graphite exterior coating; 60 cm^3 active volume, 0.5m low noise triax cable; 0.13 kg
Environmental:	15° - 35° C working, 0° - 60° C storage, < 80% RH (non-condensing), 70-106 kPa
Minimum Field Size[2]:	92 mm X 92 mm



-60 Ion Chamber
Energy Dependence
(TYPICAL)



Warning: Introduction of material other than air behind the chamber will cause its response to change due to backscatter.

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

[2] A field size greater than the Minimum Field Size by at least 10 mm recommended.