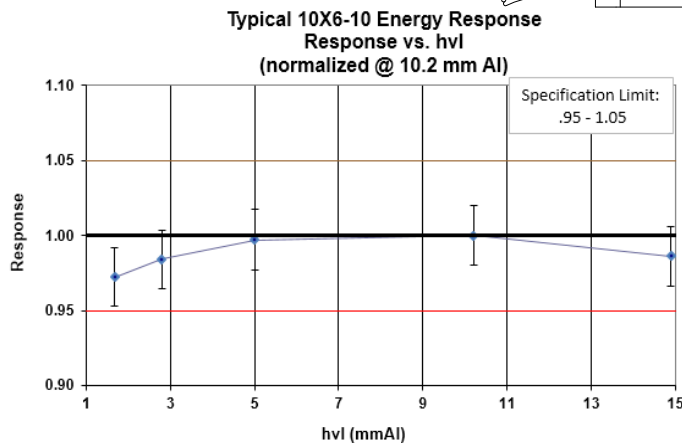
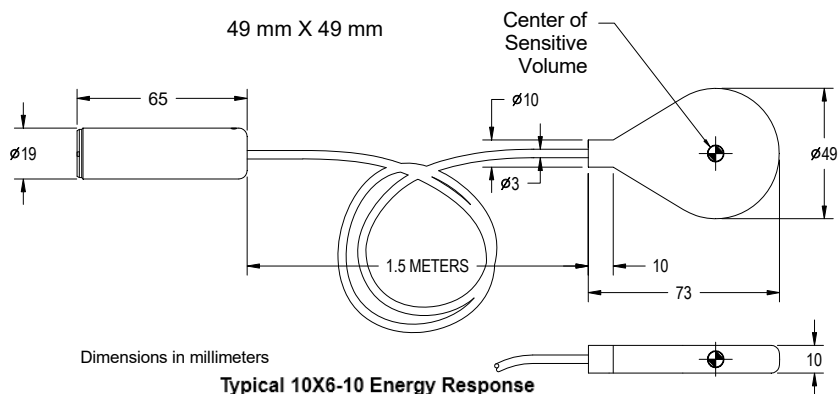


**10X6-10
General Purpose, In-Beam Chamber**

This 10cc multi-purpose ion chamber is suitable for measuring R&F as well fluoro. It's small size (5cm diameter x 1cm thick), excellent energy response and x-ray transparency makes it ideal for those difficult measurements where space is at a minimum.

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 @ 150 kVp & 10.2 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%, 1.5 mm Al to 15 mm Al hvl
Construction:	Polycarbonate walls and electrode. Conductive graphite exterior coating. 10.3 cm ³ active volume. 1.5m low noise triax cable. 0.05kg
Environmental:	15° - 35° C working, 0° - 60° C storage, < 80% RH (non-condensing), 70-106 kPa
Minimum Field Size ² :	49 mm X 49 mm



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.