

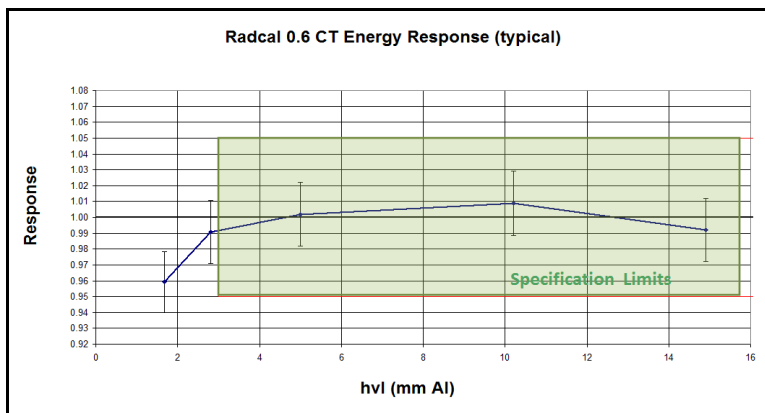
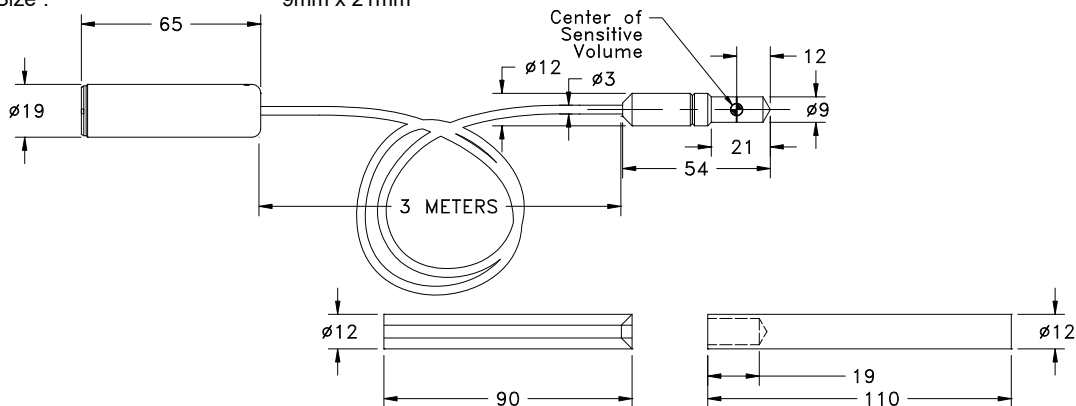


**10X6-0.6CT**  
**The Chamber for Computed Tomography Dose Index (CTDI)**

0.6cc thimble chamber as described in AAPM Report No. 111  
“Comprehensive Methodology for the Evaluation of Radiation Dose  
in X-ray Computed Tomography”.

**Specifications<sup>1</sup>**

Rate Specifications:	20 $\mu$ R/s - 133 R/s 200 nGy/s - 1.17 Gy/s
Exposure Specifications:	100 $\mu$ R - 589 kR 1 $\mu$ Gy - 5 kGy
Auto Dose Threshold	22 mR/s 189 $\mu$ Gy/s
Cine Specifications:	N/A
Calibration Accuracy:	$\pm$ 4% using X-rays @ 150 kVp & 10.2 mm Al HVL
Exposure Rate Dependence:	$\pm$ 2%, 10 mR/s to 100 R/s
Energy Dependence	$\pm$ 5%, 3 - 20mm AL HVL
Active Length	19.7 mm $\pm$ 1 mm
Construction:	C552 air-equivalent material walls & electrode; polyacetal exterior cap; 0.6 cm <sup>3</sup> active volume; 3m, low-noise triax cable; 0.28 kg
Environmental:	15° - 35° C working, 0° - 60° C storage, < 80% RH (non-condensing), 70-106 kPa
Minimum Field Size <sup>2</sup> :	9mm x 21mm



Dimensions in millimeters

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

<sup>1</sup>Specifications apply when used with Accu-series control unit.

<sup>2</sup> A field size greater than the Minimum Field Size by at least 10 mm recommended.