

BEAMSCAN®

Detector Overview

Which detector is best for your specific task?



Semiflex 3D (31021) Gy Q γ e⁻
 Vented cylindrical ionization chamber
 Volume: 0.07 cm³
 Field size: (2.5 x 2.5) cm² ... (40 x 40) cm²,
 (3.0 x 3.0) cm² ... (40 x 40) cm² \geq 18 MV



microDiamond® (60019) Q γ e⁻
 Synthetic diamond detector
 Volume: 0.004 mm³
 Field size: (1 x 1) cm² ... (40 x 40) cm²



Semiflex (31010) Gy Q γ e⁻
 Vented cylindrical ionization chamber
 Volume: 0.125 cm³
 Field size: (3 x 3) cm² ... (40 x 40) cm²



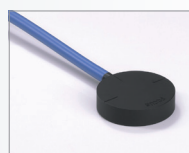
microSilicon (60023) Q γ e⁻
 Unshielded diode
 Volume: 0.03 mm³
 Field size: (1 x 1) cm² ... (40 x 40) cm² for electrons,
 (1 x 1) cm² ... (10 x 10) cm² for photons



Semiflex (31013) Gy γ e⁻
 Vented cylindrical ionization chamber
 Volume: 0.3 cm³
 Field size: (4 x 4) cm² ... (40 x 40) cm²



microSilicon X (60022) Q γ
 Shielded diode
 Volume: 0.03 mm³
 Field size: (2 x 2) cm² ... (40 x 40) cm²



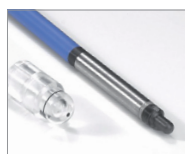
Roos® (34001) Gy e⁻
 Vented plane-parallel ionization chamber
 Volume: 0.35 cm³
 Field size: (4 x 4) cm² ... (40 x 40) cm²



PinPoint® 3D (31022) Q γ
 Vented cylindrical ionization chamber
 Volume: 0.016 cm³
 Field size: (2 x 2) cm² ... (40 x 40) cm²



Advanced Markus®
 with protective cap (34045)
 Vented plane-parallel ionization chamber
 Volume: 0.02 cm³
 Field size: (3 x 3) cm² ... (40 x 40) cm²



PinPoint® (31015) Gy Q γ
 Vented cylindrical ionization chamber
 Volume: 0.03 cm³
 Field size: (2 x 2) cm² ... (30 x 30) cm²



PTW Farmer® (30013) Gy γ e⁻
 Vented cylindrical ionization chamber
 Volume: 0.6 cm³
 Field size: (5 x 5) cm² ... (40 x 40) cm²



T-REF Chamber (34091) Q γ
 Reference detector for small fields
 Volume: 10.5 cm³
 Field size: max. (5 x 5) cm²



More Information

For detailed specifications, scan the QR code to download the PTW detector catalog.
 The catalog also includes a "Code of Practice" for absorbed dose to water determination.

Gy Reference Dosimetry γ Photon Dosimetry
Q Small-Field Dosimetry e⁻ Electron Dosimetry