

BEAMSCAN[®]

Detector Overview

Which detector is best for your specific task?



Semiflex 3D (31021)

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 ≥ 18 MV

Gy Q γ e⁻



Semiflex (31010)

Vented cylindrical ionization chamber

Volume: 0.125 cm³

Field size: (3 x 3) cm² ... (40 x 40) cm²

Gy Q γ e⁻



Semiflex (31013)

Vented cylindrical ionization chamber

Volume: 0.3 cm³

Field size: (4 x 4) cm² ... (40 x 40) cm²

Gy γ e⁻



PTW Farmer[®] (30013)

Vented cylindrical ionization chamber

Volume: 0.6 cm³

Field size: (5 x 5) cm² ... (40 x 40) cm²

Gy γ e⁻



microDiamond[®] (60019)

Synthetic diamond detector

Volume: 0.004 mm³

Field size: (1 x 1) cm² ... (40 x 40) cm²

Q γ e⁻



PinPoint[®] (31015)

Vented cylindrical ionization chamber

Volume: 0.03 cm³

Field size: (2 x 2) cm² ... (30 x 30) cm²

Gy Q γ

Gy Absolute Dosimetry Q Small Field Dosimetry γ Photon Dosimetry e⁻ Electron Dosimetry

For more information on PTW detectors, visit ptwdosimetry.com.

BEAMSCAN[®]

Detector Overview



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



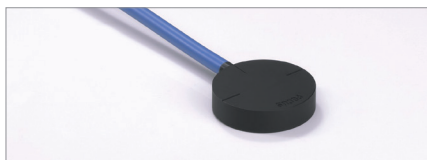
microSilicon (60023)
Unshielded diode
Volume: 0.03 mm³
Field size: (1 x 1) cm² ... (40 x 40) cm² for electrons,
(1 x 1) cm² ... (10 x 10) cm² for photons



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



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



Roos[®] (34001)
Vented plane-parallel ionization chamber
Volume: 0.35 cm³
Field size: (4 x 4) 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



Gy Absolute Dosimetry Small Field Dosimetry Photon Dosimetry Electron Dosimetry

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