



Radiation Products Design, Inc.

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**RPD is an
authorized distributor**

RPD Product Information

Item Number Description

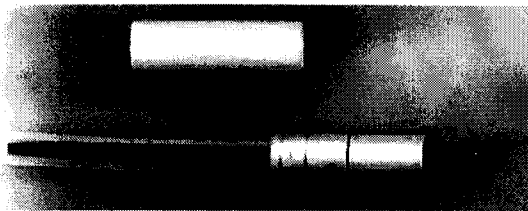
300-770	Scanditronix / Wellhofer CC25 Compact Chamber
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SCANDITRONIX

WELLHÖFER

Technical description

Compact Chamber CC25



Material

- ☐ outer electrode
Shonka C552 (1.76 g/cm³)
- ☐ inner electrode
Shonka C552 (1.76 g/cm³)

Cable & Connector

- ☐ connector type TNC or BNC triaxial
- ☐ cable length 1.40 m

Applications

- ☐ relative dosimetry of photon, electron and proton fields in radiotherapy
- ☐ quality assurance in air and low dose measurements in water phantoms
- ☐ measurements with high reproducibility in air, in solid or in water phantoms

Active Dimensions

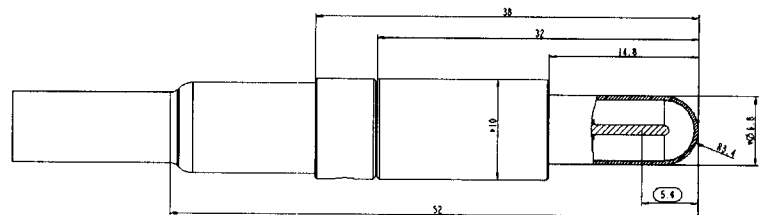
- ☐ volume (nominal) 0.25 cm³
- ☐ total active length 10.0 mm
- ☐ inner diameter of cylinder 6.0 mm
- ☐ wall thickness 0.4 mm
- ☐ diameter of inner electrode 1.0 mm

Operational Data

- ☐ leakage current $< \pm 4 \times 10^{-15}$ A
- ☐ sensitivity 8×10^{-9} C/Gy
- ☐ radiation quality (e⁻) 1.3 MeV - 50 MV
- ☐ polarizing voltage + 300 V
- ☐ reference point w/o build-up cap 5.6 mm from the distal end of the chamber

Features

- ☐ air ionization chamber
- ☐ waterproof
- ☐ vented through waterproof sleeve
- ☐ fully guarded
- ☐ PTB approved [15.101 / 98.01]
- ☐ supplied with individual factory calibration certificate and user's guide



* add 0.2 mm for tolerance if you intend to make adapters
dimensions in mm

Technical data subject to change without prior notice.