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<th>Item Number</th>
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<td>300-765</td>
<td>Scanditronix / Wellhofer CC13 Compact Chamber</td>
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Technical description
Compact Chamber CC13

Material
- outer electrode
  Shonka C552 (1.76 g/cm²)
- inner electrode
  Shonka C552 (1.76 g/cm²)

Cable & Connector
- connector type
  TNC or BNC triaxial
- cable length
  1.40 m

Application
- relative dosimetry of photon, electron and proton fields in radiotherapy
- standard chamber for clinical use in water phantoms
- measurements in air, in solid or in water phantoms

Active Dimensions
- volume (nominal) 0.13 cm³
- total active length 5.8 mm
- inner diameter of cylinder 6.0 mm
- wall thickness 0.4 mm
- diameter of inner electrode 1.0 mm

Operational Data
- leakage current < ± 4 x 10⁻¹⁰ A
- sensitivity 4 x 10⁻⁸ C/Gy
- radiation quality (e⁻) 1.3 MeV - 50 MeV
- polarising voltage + 300 V
- reference point w/o build-up cap 3.5 mm from the distal end of the chamber

Features
- air ionisation chamber
- waterproof
- vented through waterproof sleeve
- fully guarded
- PTB approved [16.101 / 97.01]
- 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.