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<th>Item Number</th>
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<td>300-763</td>
<td>Scanditronix / Wellhofer RK Compact Chamber</td>
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Compact Chamber RK

Technical description

Material
- encapsulation Black Perspex (0.12 g/cm²)
- inner and outer electrode 50 % Epoxy resin, 50 % graphite (0.07 g/cm²)

Cable & Connector
- connector type BNC + Banana
- cable length 2 m

Active Dimensions
- volume (nominal) 0.12 cm³
- total active length 10 mm
- inner diameter of cylinder 4.0 mm
- wall thickness
  - encapsulation 1 mm
  - outer electrode 0.5 mm
- diameter of inner electrode 1 mm

Operational Data
- leakage current < 0.02 pA
- sensitivity 5 nC/Gy
- radiation quality 1 - 50 MeV
- polarizing voltage
  - recommended - 200 V
  - maximum 400 V
- reference point w/o build-up cap 6.5 mm from the distal end of the chamber

Applications
- relative dosimetry of photon and electron fields in radiotherapy
- field class dosimetry according to IEC 731
- suitable for high dose gradients (penubras)
- measurements in air, in water and in solid water

Features
- air ionization chamber
- waterproof
- vented through waterproof sleeve
- fully guarded
- rugged design
- small diameter for high spatial resolution
- fulfills IEC 731 for a field class instrument

Technical data subject to change without prior notice.