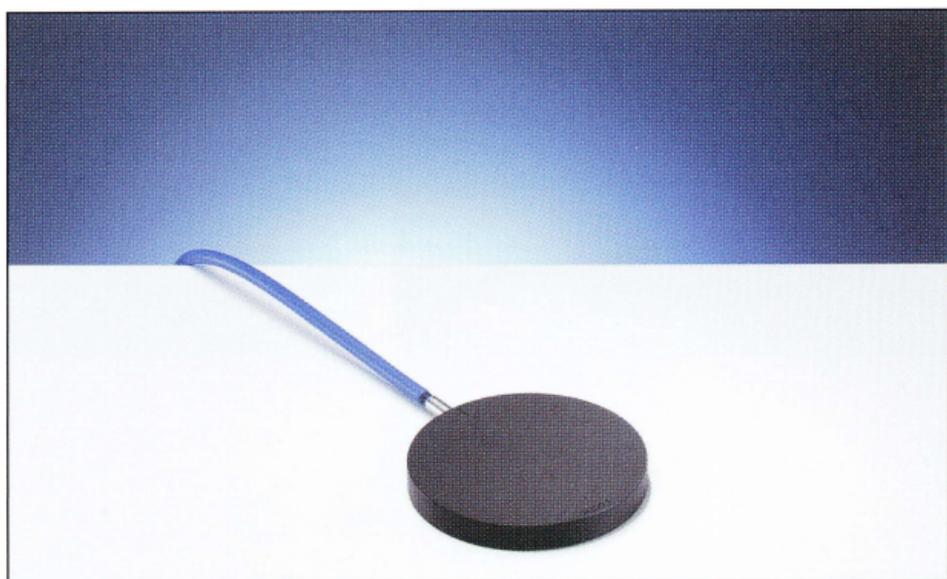


Bragg Peak Ionization Chambers



*Waterproof plane-parallel chambers
for dosimetry in proton and heavy ion
beams*

Features

- ▶ Waterproof, wide guard ring design
- ▶ Sensitive volumes 10.5 cm³ and 2.5 cm³,
vented to air

The Bragg peak chambers are designed to measure the exact location of the Bragg peak in therapy proton and heavy ion beams. The large diameters of the chambers allow the measurement of the complete beam diameter (non-scanned) including the scattered particles. The chambers are waterproof and consequently can either be used in air behind a water column or in a water phantom.

In water, both Bragg peak chambers can be used for measurements of horizontal beams. Due to the thicker entrance and exit windows, the 34070 Bragg peak chamber can additionally be used in vertical beams where measurements are performed in different water depths. The cable length is 2.5 m.

The Bragg peak chamber 34070 can also be used as a large area chamber for photon measurement. The large entrance window with a diameter of 84 mm makes the chamber suitable for the measurement of the dose area product of narrow photon beams.

Ordering Information

TN34070-2,5 Bragg peak chamber 10.5 cm³,
connecting system BNT

TW34070-2,5 Bragg peak chamber 10.5 cm³,
connecting system TNC

TM34070-2,5 Bragg peak chamber 10.5 cm³,
connecting system M

TN34073-2,5 Bragg peak chamber 2.5 cm³,
connecting system BNT

TW34073-2,5 Bragg peak chamber 2.5 cm³,
connecting system TNC

TM34073-2,5 Bragg peak chamber 2.5 cm³,
connecting system M