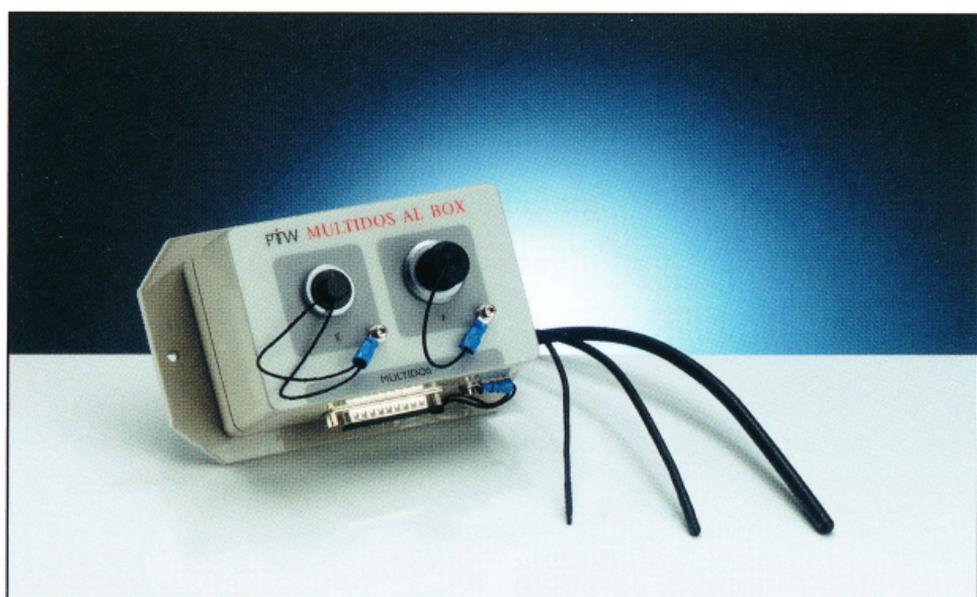


Afterloading Probes



Semiconductor detectors for in-vivo dosimetry during gynecological after-loading treatment

Features

- ▶ Measure rectum and bladder dose during intracavitary afterloading brachytherapy
- ▶ A five-fold rectum probe and two types of single bladder probes help to protect patients against radiation overdose
- ▶ Comply with safety standard IEC 60601-2-9

For intracavitary dosimetry during gynecological after-loading brachytherapy, the five-fold semiconductor probe is positioned in the patient's rectum and a single detector probe is placed in the bladder to monitor the radiation load to the most radiation sensitive organs automatically. The five-fold probe has five individual detectors spaced 15 mm apart from each other to increase the chance to measure the maximum dose. The rectum probe and the bladder probe type 9111 are inserted using a protective sleeve, while the probe type 9113 with 3 mm diameter is used in combination with a catheter. All probes are flexible and have a connection cable of 2.5 m length. The probes connect to the detector connection box, which is linked to a VIVODOS or MULTIDOS multi channel dosemeter, placed in the control room.

Ordering Information

- T9111 Single semiconductor bladder probe
- T9113 Single semiconductor bladder probe, catheter use
- T9112 Five-fold semiconductor rectum probe
- T16008 AL detector connection box
- T26024-20 Connection cable to the dosemeter, 20 m
- Protective sleeves for the probes upon request

Options

- L981064 Cable installation set, 20 m
- T16006.1.001 C-Box for wall mounting, 2 units required

- ▶ MULTIDOS Multi Channel Dosemeter *page 32*
- ▶ VIVODOS In-Vivo Dosemeter *page 31*
- ▶ MultiSoft Afterloading Software *page 34*
- ▶ Afterloading Calibration Phantom *page 35*