

## Flexitron: The Next Generation Afterloading Platform

- All-in-one: HDR, PDR, MDR, LDR, DEB<sup>†</sup>, IOBT<sup>♦♦</sup>
- Perfect answer to ICRP publication 97
- Strongest small source design
- Range of isotopes<sup>1</sup>
- New straightforward metric system
- 400 steps of 1 mm
- 10, 20, 30 or 40 channels
- Exceptional reliability
- Dicom RT<sup>1</sup>



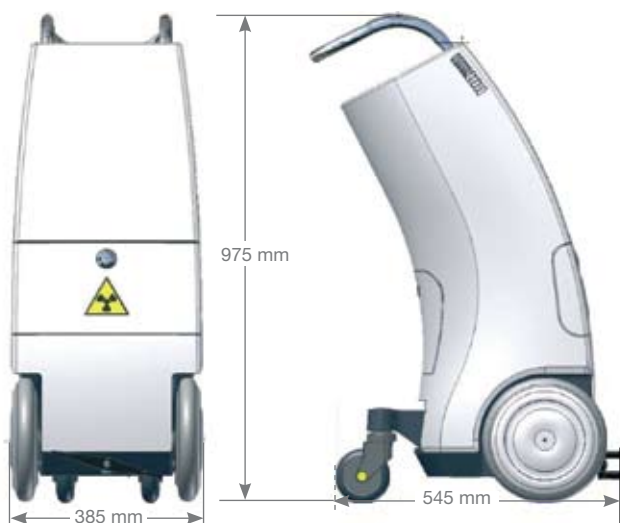
<sup>†</sup>Dual Energy Brachytherapy<sup>1</sup>, <sup>♦♦</sup>Intra Operative Brachytherapy

***Over 30 years of intensive innovation and thousands of discussions with experienced radiation oncologists and physicists became the basis of a new full metric remote afterloading platform.***



The Flexitron brings a whole new world of safety to HDR! Accurate determination of source positions is made easy and more reliable with our measurement system where dwell positions are defined in absolute values. For example, dwell position 241 is 241 mm from the entrance of the catheter or applicator. The Flexisource can be stepped in 1mm increments over a treatment length of 400 mm. These combined features significantly

reduce human error – no additional measurements, no manual recalculations. Treatments take less time and are easier to check. The Flexitron's patented source drives are more precise and durable than ever. Every treatment center can reliably treat patients year after year. The Flexitron presents a flexible platform for HDR - today and tomorrow – because flexibility allows adjustment to your future needs!



Protected laser welded solution

**09-00-102 Flexitron® 40 channel 2 cable drives remote afterloading system. Mains 220-240V, 50/60Hz**

or

**09-00-112 Flexitron® 40 channel 2 cable drives remote afterloading system. Mains 100-120V, 50/60Hz**

#### Consisting of:

- Mobile treatment delivery unit with tungsten source container for the storage of up to 814 GBq (22 Ci) Ir 192.
- Modular precision source drives which permanently monitors all source steps made. The super flexible source cable is made of one piece with a partial reduced diameter from Ø 0,85 mm to Ø 0,5 mm.
- Unique patented channel selector able to connect each source drive with any of the treatment channels enabling simultaneous\* operation. Connections are permanently monitored.
- Forward stepping source to ensure the most accurate treatment delivery.
- Battery powered DC motor source retraction system as back up for source return security.
- Manual source retraction system disconnecting the drive motor mechanism as second back up for source return security.
- Integrated radiation detector for source return confirmation.
- Treatment Communication Console (TCC) on a desktop PC, 19" TFT display.
- Uninterruptable Power Supply. (UPS) To support the TCC.
- Flexitron® software license.
- HDR treatment control panel (TCP) and installation kit.
- Treatment parameters can be loaded into the TCC from the Flexiplan brachytherapy planning system using a network or a USB memory stick.
- Printer for the treatment report.
- User manuals

#### Other configurations:

**09-00-103 Flexitron® 10 channel 2 cable drives remote afterloading system. Mains 220-240V, 50/60Hz<sup>1</sup>**

or

**09-00-113 Flexitron® 10 channel 2 cable drives remote afterloading system. Mains 100-120V, 50/60Hz<sup>1</sup>**

**09-00-104 Flexitron® 20 channel 2 cable drives remote afterloading system. Mains 220-240V, 50/60Hz**

or

**09-00-105 Flexitron® 20 channel 2 cable drives remote afterloading system. Mains 100-120V, 50/60Hz**

**09-00-106 Flexitron® 30 channel 2 cable drives remote afterloading system. Mains 220-240V, 50/60Hz<sup>1</sup>**

or

**09-00-107 Flexitron® 30 channel 2 cable drives remote afterloading system. Mains 100-120V, 50/60Hz<sup>1</sup>**

**09-00-101 Flexitron® 40 channel 3 cable drives remote afterloading system. Mains 220-240V, 50/60Hz<sup>1</sup>**

or

**09-00-111 Flexitron® 40 channel 3 cable drives remote afterloading system. Mains 100-120V, 50/60Hz<sup>1</sup>**

<sup>1</sup> not available for sale in the USA