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## **T-160** Equipment for conventional x-ray therapy

The wide range of x-ray therapie

# Unit T-160

## The wide range of x-ray therapie

Covers the wide range of conventional x-ray therapy - can be used for superficial and semi-deep radiation therapy



T-160 >>

<< T-160 floor stand allows optimal treatment settings

The powerful 160 kV unit provides high dose rates for the semi-deep therapy. The choice of „soft“ spectra for the superficial x-ray treatment is possible.

The T-160 completes effectively the canon of the clinical practice of procedures in radiotherapy.

Integral part is a powerful networkable single client verification & record system for treatment planning and documentation - of course - completely paperless. With the easy to use 3 D Ceiling Mount also in large treatment rooms, a variety of settings are possible.

Several options are to complete the system to an effective therapy unit.

### Safety interlocks

- Permanently process monitoring before and during the treatment
- Beam quality
- Filter and applicator
- Tube voltage and - current
- Backup timer
- Cooling monitoring
- Door monitoring
- Mains monitoring

### Verification and record system RadControl-II

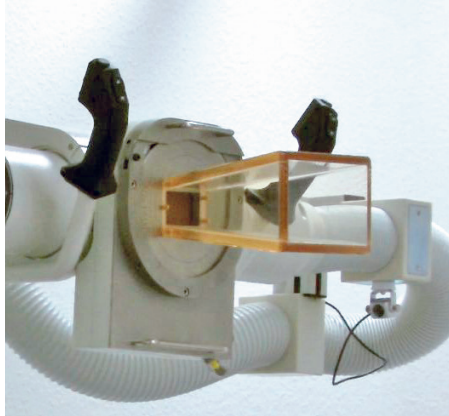
- Visualisation of machine process
- Integrated patient and treatment database
- User administration, reports, data import

### Control desk

- Key switch for disabling the unit
- Emergency switch
- Display of signal lamps “ready” and “radiation”

Technical Data	T-160
Max. high tension [kV]	150
Max. tube current [mA]	30
Max. power [W]	3.000
Two circuit cooler	Water - water
Number of selectable energies (combined for filter, [mA], [kV])	20
Max. number of applicators	14
Focal skin distances [cm]	20...50
Mains	1~PEN 230 V AC, 35 AT
Stand variation	3D ceiling suspension
Room requirements	Treatment room 3 m × 2,5 m, additional control room needed

T-160 floor stand »



**Possible movements on the tube head**

3 motor driven movements are available:

- Vertical up/down
- Turning around the tube arm axis
- Turning around the tube axis



**Applicators**

advanced precision of adjustments by:

- Full transparent, shielded applicator body
- Transparent calotte with centering cross

All applicators are distinctive coded and could be assigned unique to one or more half-value-layers. The applicators are available in FSD 25, 30, 40 and 50 cm with circular or rectangular shapes.



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