

Equipment for conventional
x-ray therapy



T-300

A whole range of
x-ray therapy



An Eckert & Ziegler BEBIG Company

Unit T-300

covers the whole range of conventional x-ray therapies - can be used for semi-deep and orthovoltage-deep radiation therapy.



« T-300

« T-300 with ceiling suspension allows optimal treatment settings

The powerful 300 kV unit provides high dose rates for the orthovoltage-deep or semi-deep therapy. A choice of “soft” spectra for superficial x-ray treatment is possible.

The T-300 effectively meets good clinical practice guidelines on radiotherapy procedures.

An integral part is a powerful networkable verification & record system for treatment planning and fully paperless documentation. With the easy-to-use 3D ceiling mount also in large treatment

rooms, a variety of settings are possible. Several options complete the system to form an effective therapy unit.

Safety interlocks

- Permanent process monitoring before and during treatment
- beam quality
- filter and applicator
- tube voltage and current
- backup timer
- cooling monitoring
- door monitoring
- mains monitoring

Verification and record system RadControl-II

- visualization 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-300
Max. high tension [kV]	300
Max. tube current [mA]	30
Max. power [W]	3.000
Two circuit cooler	Water - Oil
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 4 m × 4 m, additional control room required



T-300 ceiling suspension >>

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 distinctively coded and can be uniquely assigned to one or more half-value-layers. The applicators are available in FSD 25, 30, 40 and 50 cm in circular or rectangular shapes.



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