Equipment for conventional x-ray therapy

T-200
The whole range of x-ray therapy

WOmed
WOLF-Medizintechnik GmbH
Unit T-200 covers the whole range of conventional x-ray therapy - can be used for semi-deep and orthovoltage-deep radiation therapy.

The powerful 200 kV unit provides high dose rates for the orthovoltage-deep or semi-deep therapy. The choice of „soft“ spectra for the superficial x-ray treatment is possible.

The T-200 completes effectively the canon of the clinical practice of procedures in radiotherapy.

Integral part is a powerful networkable 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-200

<table>
<thead>
<tr>
<th>Parameter</th>
<th>T-200</th>
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<tbody>
<tr>
<td>Max. high tension [kV]</td>
<td>200</td>
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<tr>
<td>Max. tube current [mA]</td>
<td>30</td>
</tr>
<tr>
<td>Max. power [W]</td>
<td>3.000</td>
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<tr>
<td>Two circuit cooler</td>
<td>Water - Water</td>
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<tr>
<td>Number of selectable energies [combined for filter, [mA], [kV]]</td>
<td>20</td>
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<tr>
<td>Max. number of applicators</td>
<td>14</td>
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<tr>
<td>Focal skin distances [cm]</td>
<td>20…50</td>
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<tr>
<td>Mains</td>
<td>1~PEN 230 V AC, 35 AT</td>
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<tr>
<td>Stand variation</td>
<td>3D ceiling suspension or column stand</td>
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<tr>
<td>Room requirements</td>
<td>Treatment room 4 m × 3 m, additional control room needed</td>
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</table>
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.