

Equipment for  
superficial x-ray therapy



## T-105

Efficient application for  
superficial x-ray therapy



WOLF-Medizintechnik GmbH

# T-105

## Efficient application for superficial x-ray therapy



Control desk with touch screen

X-ray therapy units of the type T-105 are intended for superficial x-ray therapy in a range of 10 ... (50) 100 kV.

The unit T-105 consists of a control desk, which includes the control, cooling and HT generator, and a mobile tube stand with the x-ray tube. It is prepared for the use in a separate shielded treatment room.

A variant of the T-105 is limited to 50 kV tube voltage. In that way a control near the patient is possible. In this configuration the shielding is possible by a direct mounted, optional shielding glass at the control desk.

The tube head is mounted on a spring arm and able to be turned in two axis. The spring arm itself is easy to move for height setting. A clamping mechanism allows that the preselected stand position stays stable for the treatment of the standing, sitting or lying patient.

The spring arm is able to be mounted directly at the wall or on the top of a stand on wheels.

Directly at the tube head the selection of one of the 4 filters is possible. Together with the filter the high voltage and the tube current will be selected.

On the control desk are for operation emergency switch, key switch, x-ray ON switch, x-ray OFF switch and a Touch-Screen control for the communication with the user. That screen displays all relevant device conditions and allows the input of the treatment time.

### Overview

- mobile tube stand, spring balanced
- cooler water-water
- hand operated filterchanger, 4 filters
- circular, open applicators, FSD 15, 25 and 30 cm
- microprocessor controlled

### Options

- verification and record system RC2
- information screen in the treatment room
- service software using remote access

Technical data	T-105	T-105 (50 kV)
<b>Max. high tension</b> [kV]	100	50
<b>Max. tube current</b> [mA]	15	10
<b>Max. power</b> [W]	1.500	1.500
<b>Two circuit cooler</b>	Water-Water	Water-Water
<b>Number of selectable energies</b> [combined of filter, [mA], [kV]]	4 20 (option: verification system)	4 20 (option: verification system)
<b>Max. number of applicators</b>	14	14
<b>Focal - scin distances</b> [cm]	15 ... 30	15 ... 30
<b>Mains</b>	1 ~ PEN , 230 V AC, 16 AT	1 ~ PEN , 230 V AC, 16 AT

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