

# Tecaris+

## TECAR therapy



### Features

### Tecar therapy

product code	A-UT-AST-TCS	operation modes	
color display with touch panel	7"	capacitive - CAP	✓
one treatment channel	✓	resistive - RES	✓
manual, program and anatomical operation mode	✓	IASTM - working with dedicated tools for soft tissue therapy (Instrument Assisted Soft Tissue Mobilisation - IASTM)	✓
AUTO mode - simplified operation thanks to automatic electrode detection	✓	BIPOLAR	✓
possibility of editing parameters during the treatment	✓	AUTO - active electrode type detection	✓
possibility of editing the therapy time during the treatment (e.g. extending the time without the need to interrupt the treatment procedure)	✓	four working frequencies - allow stimulation of tissues at different depths	✓
disease entities selected by name, medical field, anatomical mode or by search	✓	three ranges of device power level adjustment - allow for precise selection of the level of energy delivered to the patient's body during therapy to maximize the effectiveness of the treatment	✓
database of preset treatment sequences in the form of an encyclopaedia with descriptions of the methodology and presentation of manual therapy techniques with patient movement	✓	indicator of the level of contact between the electrode and the patient's body - indicates the optimal positioning of the electrode on the patient's body	✓
possibility of creating user programs	✓	indicator of the value of the current flowing through the patient's tissues	✓
possibility of creating user sequences	✓	indicator of the level of power delivered to the patient	✓
favorite sequences	✓	AM - current modulation in the patient's circuit – provides the possibility to apply a higher energy level while limiting the thermal effect	✓
sorting of programmes and sequences in alphabetical order	✓	two treatment timers	
statistics of performed treatment procedures	✓	measurement of effective treatment time (working time measured in full contact with the patient's body)	
full information about the parameters in the patient's circuit (power, current, resistance)	✓	measurement of the total treatment time	
illuminated knob for setting/adjusting parameters	✓		
STAND BY/CHANGE key - option to select parameters for editing without touching the device	✓		

screen		two types of applicators for active electrodes:	
protection in the form of an alert preventing execution of the treatment without setting the amplitude	✓	angular	✓
protection in the form of a protective plate reducing the therapist's exposure to current flowing in the patient's circuit	✓	straight	✓
universal active applicators - detection of the type of connected electrode	✓	wide range of capacitive and resistive electrodes, up to 70mm of diameter	✓
silicone cap on the electrode shaft ensuring comfort for the therapist during work	✓	convex electrode 14 mm	✓
abrasion-resistant CAP electrodes	✓	convex electrode 40 mm	✓
cables equipped with magnets to facilitate the organization of the workstation	✓	IASTM KISS applicator	✓
dedicated trolley with electrode heater, drawers, handles and a container for dirty accessories	✓	bipolar applicator	✓
dedicated bag for the unit and accessories	✓	3 types of passive electrodes:	
table stand	✓	flat 32x23 cm	✓
		flat 24x16 cm	✓
		cylindrical	✓

## Preset treatment programs

user-defined programs 50

## Preset treatment sequences

built-in treatment sequences for TECAR therapy 101  
user-defined sequences 10

## Tecar therapy parameters

output frequency 300 kHz, 500 kHz, 750 kHz, 1 MHz  
power level adjustment ranges 0-10 % step 0.5%, 0-40 % step 1%, 0-100 % step 4%  
max. active power 150 W  
treatment time 1-60 minutes, step 1 minute

## General technical parameters

dimensions 36,1 x 30,4 x 15,1 cm  
weight 6,5 kg  
mains supply 230 V ± 10 %, 50/60 Hz, optional: 120 V ± 6 % 50/60 Hz