

Technical specifications

CURRENTS - generalities	- Treatment time: - Polarity	0 to 60 minutes red-, red+ and alternating polarity
Unidirectional currents • Direct current • Rectangular pulse • 2-5 Current (Ultra Reiz) • Triangular pulse • Medium frequency constant • Iontophoresis – Medium frequency constant • Iontophoresis – Direct current	- Pulse time - Pulse pause - Intensity CC - Intensity CV	0,1 ms - 6 s 1 ms - 6 s 0 - 80 mA at 300 to 1000 Ω 0 - 80 V _{peak}
Diadynamic • MF, RS, DF, CP, LP	- Intensity CC - Intensity CV - ISO	0 - 80 mA at 300 to 1000 Ω 0 - 80 V _{peak} on / off
TENS • Conventional TENS • Low frequency TENS • Brief intense TENS	- Pulse time - Pulse shape - Frequency min. - Frequency max - Intensity CC - Intensity CV	10 - 900 μs symmetrical, asymmetrical 1 - 500 Hz 1 - 500 Hz 0 - 120 mA at 300 to 1000 Ω 0 - 120 V _{peak}
• Random frequency Tens	See other TENS currents except - Pulse Frequency	1 - 500 Hz, with automatic random Frequency variation of maximum +/- 35%
• Burst Tens	See other TENS currents except: - Pulse Frequency - Burst Frequency	20 - 500 Hz 1 - 10 Hz
NMES • Monophasic rectangular surge • Monophasic triangular surge	- Pulse time - Pulse Frequency - Intensity CC - Intensity CV	0,1 - 5 ms 1 - 150 Hz 0 - 80 mA at 300 to 1000 Ω 0 - 80 V _{peak}
• Biphasic surge • Intrapulse interval surge (with a constant interval between positive and negative pulse of 100 *)	- Pulse time - Pulse Frequency - Intensity CC - Intensity CV	10 - 900 μs 1 - 500 Hz 0 - 120 mA at 300 to 1000 Ω 0 - 120 V _{peak}
• Russian Stimulation surge	- Intensity CC - Intensity CV - Burst frequency	0 - 100 mA at 300 to 1000 Ω 20-100 Hz 0 - 100 V _{peak}
• 2-pole medium frequency surge • isoplanar vector field surge	- Intensity CC - Intensity CV - Carrier wave Freq. - AM Frequency	0 - 100 mA at 300 to 1000 Ω 0 - 100 V _{peak} 2 - 10 kHz 1 - 200 Hz
Expert parameters NMES currents:	- Serial duration (ON) - Serial pause (OFF)	1 - 100 s 0 - 100 s
Interferential • 2-pole medium frequency • isoplanar vector field	- Intensity CC - Intensity CV - Carrier wave Freq. - AM Frequency min. - AM Frequency max. - Frequency sweep mode	0 - 100 mA at 300 to 1000 Ω 0 - 100 V _{peak} 2 - 10 kHz 0 - 200 Hz 0 - 400 Hz 0/1/0, 1/5/1, 6/0/6, 12/0/12
• dipole vector field	- see 2- pole MF and isoplanar vector field - Rotation mode - Rotation angle - Segment angle - Segment time	0 - 20 s 0 - 355 ° 0 - ± 30 ° 0 - 10 s
Microcurrent • Micro Current continuous • Micro Current surge	- Intensity CC	0,1 μA- 1 mA at 300 to 1000 Ω
High Voltage • High Voltage continuous • High Voltage surge	- Intensity CV	0 - 500 V _{peak}
Ultrasound - generalities	- Freq. Ultrasound - Duty cycles - Peak intensity - Treatment time - US heads:	1 and 3 MHz 10%, 20%, 30%, 40%, 50%, 100% 0-2 W/cm² - duty cycle 100% 0-3 W/cm² - duty cycle < 100% 0-30 minutes 1 cm² and 4 cm² (Multifrequency)
LASER - Generalities	- Safety class - Wave length - Treatment time	3B laser product 904 nm 0 - 30 minutes
• Mono probe 400	- Peak performance - Max. average power	13,5 W 70,5 mW
• Quad probe 400	- Peak performance - Max. average power	4 x 18 W 54 mW