

ELECTROTHERAPY EQUIPMENTS

MUSCLE STIMULATOR LCS 161

LCS 161 Muscle Stimulator is more advanced, compact and lightweight. micro controller based circuitry & user-friendly systems.

MUSCLE STIMULATOR LCS 164

LCS 164 Muscle Stimulator is more advanced, portable, lightweight. LCD display & programmable memory, based on micro controlled circuitry & user-friendly systems.

MUSCLE STIMULATOR LCS 165

LCS 165 Stimulator is a computerized Diagnostic Stimulator unit with Therapeutic, Iontophoresis and TENS facility. Treatment mode, time and other parameters are displayed in the LCD, soft touch keys are used to select the modes and parameters. Digital display indicates the output current in mA. In IG mode Rectangular/ Triangular pulses can be selectable.

APPLICATION OF LCS 161 / 164 /165

To stimulate sensory and motor nerves, facilitate muscle contraction re-educate muscle, improve circulation, prevent/stretch adhesions, hypertrophy muscle, prevent contractures and to test muscle for enervation.

LCS 161



LCS 164



LCS 165



SPECIFICATION	LCS 161	LCS 164	LCS 165
Dimension (L*H*D)	190mm, 65mm, 135mm	190mm, 65mm, 135mm	275mm, 85mm, 210mm
Weight	1 Kg. (Approx)	2 Kg. (Approx)	3 Kg. (Approx)
Operating Voltage	220V AC 50Hz	220V AC 50Hz	220V AC 50Hz
Absorption	25-Watts	30-Watts	35-Watts
Fuses	200 mA	200 mA	200 mA
Room Temperature	10°C to 40°C	10°C to 40°C	10°C to 40°C
Moisture	10% to 80%	10% to 80%	10% to 80%
Treatment Mode	Plane Galvanic, Interrupted Galvanic, Plane Faradic, Surge Faradic	Plane Galvanic, Interrupted Galvanic, Plane Faradic, Surge Faradic	Iontophoresis, Plane Galvanic, Interrupted Galvanic, Plane Faradic, Surge Faradic, Tens & Tens Burst
Pulse Rate / Freq.	1Hz	1, 3, 5, 10, 30, 50, 100Hz	0.5, 1, 3 Hz
Pulse type	Rectangular	Rectangular	Rectangular, Triangular
Pulse Duration(Gal.)	30~300 m Sec. Variable.	0.01, 0.03, 0.1, 0.3, 1, 3, 10, 30, 100 & 300 m Sec.	0.01, 0.03, 0.1, 0.3, 1, 3, 10, 30, 100 & 300 m Sec.
Pulse Duration(Far.)	50 Hz/0.7 m Sec.	100, 200, 300, 400, 500, 600, 700, 800, 900, 1000 & 1100µ Sec.	50 Hz/0.7 m Sec.
On Time (Faradic)	1 ~ 6 Sec. Variable	1 ~ 6 Sec.	1 ~ 10 Sec. (1 Sec. Step)
Off Time (Faradic)	-	1 ~ 6 Sec.	1 ~ 10 Sec. (1 Sec. Step)
Display	LED	2 line LCD	4 line LCD
Tens Frequency	-	-	2~ 250 Hz (1 Hz Step)
Pulse Width (Tens)	-	-	20~ 250µ Sec. (1µ Sec. Step)
Program	-	10 Customize User Program	-
Treatment Time	-	01 to 60 min.	01 to 99 min.