

# ELECTROTHERAPY EQUIPMENTS

LCS 121



LCS 122DX



LCS 123



## ULTRASONIC THERAPY

LCS 121 Ultra Sound Therapy Unit is most advanced, portable, lightweight, based on micro computer control system. It has 1 output mode, user-friendly.

## ULTRASONIC THERAPY

LCS 123 Micro-controller based Ultrasound Therapy Unit 1MHz with 128x64 Graphic Display & single knob operation.

## APPLICATION

Ultrasonic waves are useful for treatment of Inflammation of Elbow Joint (Tennis Elbow), Plantar Fasciitis (Heel Pain), Shortening of Muscle or Ligament, Inflammation of tendons (Suprasspinatus tendnitis), Ligament Sprain (Lateral Ligament Sprain of Ankle), Unhealed Scars etc.

## ULTRASONIC THERAPY

LCS 122DX Solid-State Ultra Sound Therapy Unit is most advance, Portable, lightweight, based on solid-state circuitry. It has 5 different output mode, digital timer, digital out-put meter & crystal safety circuit comes up with one transducer, mains cable, Jelly, spare fuse.

SPECIFICATION	LCS 121	LCS 122DX	LCS 123
Dimension (L*H*D*)	195mm, 65mm, 135mm	295mm, 110 mm, 295mm	295mm, 110 mm, 295mm
Weight	1 Kg. (Approx)	3 Kg Approx	3.8 Kg Approx
Operating Voltage	220V AC, 50Hz	220V AC, 50Hz	220V AC, 50Hz
Absorption	65-Watts	70-Watts	70-Watts
Fuses	1 Amp	1 Amp	1 Amp
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%
Display	Digital Display	Digital Display	128x64 Graphic Display
Max. Output in Cont. Mode	2 Watts/Cm <sup>2</sup>	2 Watts/Cm <sup>2</sup>	2 Watts/Cm <sup>2</sup>
Max. Output in Pulse Mode	3 Watts/Cm <sup>2</sup>	3 Watts/Cm <sup>2</sup>	3 Watts/Cm <sup>2</sup>
Function Frequency	1MHz	1MHz	1MHz
Available Output	One	One	One
Output Mode	Continuous /Pulse	Cont. /Pulse (1:1, 1:2, 1:4, 1:8, 1:12, 1:16)	Continuous /Pulse (1:2, 1:4, 1:8, 1:16)
Intensity	Maximum 3Watts/Cm <sup>2</sup>	Maximum 3Watts/Cm <sup>2</sup>	Maximum 3Watts/Cm <sup>2</sup>
Treatment Time	01 to 30 Minutes Programmable	01 ~ 99 Minutes Programmable	01 ~ 99 Minutes Programmable
Crystal Safety	Available	Available	Available

# ELECTROTHERAPY EQUIPMENTS

LCS 125



LCS 128



LCS 128DX



## ULTRASONIC THERAPY

LCS 125

LCS 125 Ultra Sound Therapy Unit is most advanced, portable, lightweight, based on micro computer control system. It has 1 output channel (1MHz), can store 50 customized programs in its memory and user-friendly.

LCS 128

LCS 128 Ultra Sound Therapy Unit is most advanced, portable, lightweight, based on micro computer control system. It has 1 output channel (1MHz / 3MHz), can store 50 customized programs in its memory and user-friendly.

LCS 128DX

LCS 128DX Ultra Sound Therapy Unit is most advanced, portable, lightweight, based on micro computer control system. It has 1 output channel (1MHz / 3MHz).

## APPLICATION

Ultrasonic waves are useful for treatment of Inflammation of Elbow Joint (Tennis Elbow), Plantar Fasciitis (Heel Pain), Shortening of Muscle or Ligament, Inflammation of tendons (Suprasspinatus tendnitis), Ligament Sprain (Lateral Ligament Sprain of Ankle), Unhealed Scars etc.

SPECIFICATION	LCS 125	LCS 128	LCS 128DX
Dimension (L*H*D)	310mm, 85mm, 210mm	310mm, 85mm, 210mm	295mm, 110mm, 292mm
Weight	2 Kg. (Approx)	2 Kg. (Approx)	3.8 Kg. (Approx)
Operating Voltage	220V AC, 50Hz	220V AC, 50Hz	220V AC, 50Hz
Absorption	70-Watts (Approx.)	70-Watts (Approx.)	70-Watts (Approx.)
Ultrasound Frequency	1 MHz	1 MHz, 3MHz	1 MHz, 3MHz
Display	20 x 4 LCD Backlit	20 x 4 LCD Backlit	Digital Display
Max. Output in Cont. Mode	2Watts/Cm <sup>2</sup> or 15W	2Watts/Cm <sup>2</sup> or 15W	2Watts/Cm <sup>2</sup>
Max. Output in Pulse Mode	3Watts/Cm <sup>2</sup> or 21W	3Watts/Cm <sup>2</sup> or 21W	3Watts/Cm <sup>2</sup>
Unit Key	Watts/Cm <sup>2</sup> or Watts	Watts/Cm <sup>2</sup> or Watts	Watts/cm <sup>2</sup> or Watts
Pulse Repetition Rate (Pulse Frequency)	10~150 Hz in steps of 10 Hz	10~150 Hz in steps of 10 Hz	-
Pulse Temporal-Peak (Average Ratio)	Duty Cycle 5~100%, in steps of 5%	Duty Cycle 5~100%, in steps of 5%	Duty Cycle 1:2, 1:4, 1:8, 1:16
Treatment Time	20 Minutes Maximum	20 Minutes Maximum	01 to 99 Minutes
Transducer	Ergonomic Head 1 MHz	Ergonomic Head (1MHz & 3MHz)	Ergonomic Head (1MHz & 3MHz)
Program	50 customer designed therapeutic protocols	50 customer designed therapeutic protocols	-
End of Therapy	Buzzer	Buzzer	Buzzer
Crystal Safety	Available	Available	Available