

ULTRASONIC THERAPY:**LCS 122 DX**

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 two transducer, mains cable, Jelly, spare fuse.

APPLICATION

For neuro-muscular and musculo skeletal diseases. To mobilise collagen tissues, remove edema & reduce pain.

SPECIFICATION: -

Dimension (L*H*D)	255mm, 112 mm, 295mm
Weight	3 Kg Approx
Operating Voltage	220V AC, 50Hz
Fuses	1 Amp
Room Temperature	10° to 40°C
Moisture	10% to 80%
Function Frequency	1MHz
Available Output	One
Output Mode	Continuous / Pulse (1:2, 1:4, 1:8, 1:16)
Intensity	Maximum 3w/cm ²
Timer	01 ~ 99 Minutes Programmable
Crystal Safety	Available

**ULTRASONIC THERAPY****LCS 123**

Micro-controller based Ultrasound Therapy Unit with Dual Transducer each 1MHz.

APPLICATION

For neuro-muscular and musculo skeletal disease to mobilise collagen tissues, remove edema & reduce pain.

SPECIFICATION: -

Dimension (L*H*D)	195mm, 95mm, 270mm
Weight	3 Kg (Approx.)
Power Input	220V AC, 50Hz
Ultrasound Frequency	1 MHz
Display	16 x 2 LCD Backlit
Max. Output in Cont. Mode	2w/cm ² or 15W
Max. Output in Pulse Mode	3w/cm ² or 21W
Pulse Repetition Rate (Pulse Frequency)	50 & 100Hz
Pulse Temporal-Peak (Average Ratio)	Duty Cycle 1:2, 1:4, 1:8, 1:16
Treatment Time	20 Minutes Maximum
Transducer	Visual head identification (CH-1, CH-2) ergonomic Head with diameter 4.25 cm & 0.9 cm 1 MHz
End of Therapy	Buzzer



ULTRASONIC THERAPY

LCS 121 Ultra Sound Therapy Unit is most advanced, portable, lightweight, based on micro computer control system. It has 2 output modes, user-friendly.

LCS 125 Ultra Sound Therapy Unit is most advanced, portable, lightweight, based on micro computer control system. It has 2 output channels (1MHz), can store 50 customized programs in its memory and user-friendly.

LCS 128 Ultra Sound Therapy Unit is most advanced, portable, lightweight, based on micro computer control system. It has 2 output channels (1MHz & 3MHz), can store 50 customized programs in its memory and user-friendly.

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 tendinitis), Ligament Sprain (Lateral Ligament Sprain of Ankle), Unhealed Scars etc.

SPECIFICATION:

LCS 121

Dimension (L*H*D)	195mm, 65mm, 130mm
Weight	1 Kg. (Approx)
Operating Voltage	220V AC, 50Hz
Absorption	65- Watts
Fuses	1 Amp
Room Temperature	10 ⁰ to 40 ⁰ C
Moisture	10% to 80%
Max. Output in Cont. Mode	2 Watts/cm ²
Max. Output in Pulse Mode	3 Watts/cm ²
Function Frequency	1MHz
Available Output	One
Output Mode	Continuous / Pulse
Timer	01 to 30 Minutes Programmable
Crystal Safety	Available



LCS 121



LCS 125



LCS 128

LCS 125

Dimension (L*H*D)	310mm, 90mm, 210mm
Weight	2 Kg. (Approx)
Power Input	220V AC, 50Hz
Ultrasound frequency	1 MHz
Display	20 x 4 LCD Backlit
Max. Output in Cont. Mode	2w/cm ² or 15W
Max. Output in Pulse mode	3w/cm ² or 21W
Unit key	Watts/cm ² or Watts
Pulse Repetition Rate (Pulse Frequency)	10~150 Hz in step of 10 Hz
Pulse Temporal-Peak (Average Ratio)	Duty Cycle 5~100%, in steps of 5%
Treatment Time	20 Minutes Maximum
Transducer	2 types of transducer (Pointed and Flat)
Program	50 customer designed therapeutic protocols
End of Therapy	Buzzer

LCS 128

Dimension (L*H*D)	310mm, 90mm, 210mm
Weight	2 Kg. (Approx)
Power Input	220V AC, 50Hz
Ultrasound frequency	1 MHz, 3 MHz
Display	20 x 4 LCD Backlit
Max. Output in Cont. Mode	2w/cm ² or 15W
Max. Output in Pulse mode	3w/cm ² or 21W
Unit key	Watts/cm ² or Watts
Pulse Repetition Rate (Pulse Frequency)	10~150 Hz in step of 10 Hz
Pulse Temporal-Peak (Average Ratio)	Duty Cycle 5~100%, in steps of 5%
Treatment Time	20 Minutes Maximum
Transducer	2 types of transducer (1MHz and 3MHz)
Program	50 customer designed therapeutic protocols
End of Therapy	Buzzer