

# ELECTROTHERAPY EQUIPMENTS

## ULTRASONIC THERAPY LCS 121

LCS 121 is a compact and user-friendly mini Ultrasound Therapy unit. Operating at 1 MHz frequency, it is designed for personal use and on-the-go visits. This portable, lightweight device offers both Continuous and Pulse modes, making it versatile and suitable for various applications.

## ULTRASONIC THERAPY LCS 122DX

LCS 122DX is an advanced Ultrasound Therapy unit featuring solid-state circuitry. With its 1 MHz frequency, it is ideal for clinic use. This lightweight and portable device come equipped with a digital display, offering both Continuous and Pulse modes with various pulse ratios. Its ease of operation makes it a popular choice among professionals.

## ULTRASONIC THERAPY LCS 123

LCS 123 is a microcontroller-based Ultrasound Therapy unit operating at 1 MHz frequency. Its single-knob operation simplifies usage, while the graphical display provides a clear view of all parameters. This model represents an advanced and user-friendly option for therapists.

## 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 (Supraspinatus Tendonitis), Ligament Sprain (Lateral Ligament Sprain of Ankle), Unhealed Scars etc. to help improve mobility and healing.

LCS 121



LCS 122DX



LCS 123



| SPECIFICATION                     | LCS 121                        | LCS 122DX                      | LCS 123                        |
|-----------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Dimension (L*H*D*)                | 195mm, 65mm, 135mm             | 295mm, 110 mm, 295mm           | 295mm, 110mm, 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                        | Digital                        | Graphic LCD                    |
| 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>        |
| Frequency                         | 1MHz                           | 1MHz                           | 1MHz                           |
| Output Mode                       | Continuous / Pulse             | Continuous / Pulse             | Continuous / Pulse             |
| Intensity Level - Continuous Mode | 0.1-2.0 Watts /cm <sup>2</sup> | 0.1-2.0 Watts /cm <sup>2</sup> | 0.1-2.0 Watts /cm <sup>2</sup> |
| Intensity Level - Pulse Mode      | 0.1-3.0 Watts /cm <sup>2</sup> | 0.1-3.0 Watts /cm <sup>2</sup> | 0.1-3.0 Watts /cm <sup>2</sup> |
| Pulse Ratio                       | —                              | 1:1, 1:2, 1:4, 1:8, 1:12, 1:16 | 1:2, 1:4, 1:8, 1:16            |
| Operated by                       | Keys                           | Keys                           | Encoder                        |
| Output Channel                    | One                            | One                            | One                            |
| Treatment Time                    | 01 - 30 minutes                | 01 - 99 minutes                | 01 - 99 minutes                |
| End of Therapy                    | Buzzer                         | Buzzer                         | Buzzer                         |

# ELECTROTHERAPY EQUIPMENTS

## ULTRASONIC THERAPY LCS 125

LCS 125 is a cutting-edge unit functioning at 1 MHz frequency, offering various modes including continuous, pulse, variable pulse, and pulse duty cycle. With 106 predefined programs and 100 user-programmable slots, this device can be effortlessly operated using a single encoder. It's lightweight, portable, and compact, ensuring top-notch performance and results.

LCS 125



## ULTRASONIC THERAPY LCS 128

LCS 128 stands as a state-of-the-art device, functioning at both 1 MHz and 3 MHz frequencies. It offers versatile modes like continuous, pulse, variable pulse, and pulse duty cycle, along with 110 predefined programs and 100 user-programmable slots. The device is known for its user-friendly single-encoder operation, portability, and compact design, guaranteeing exceptional performance and results.

LCS 128



## 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 (Supraspinatus Tendonitis), Ligament Sprain (Lateral Ligament Sprain of Ankle), Unhealed Scars etc. to help improve mobility and healing.

| SPECIFICATION                     | LCS 125                         | LCS 128                         |
|-----------------------------------|---------------------------------|---------------------------------|
| Dimension (L*H*D*)                | 310mm, 85mm, 210mm              | 310mm, 85mm, 210mm              |
| Weight                            | 2 Kg. (Approx)                  | 2 Kg. (Approx)                  |
| Operating Voltage                 | 220V AC, 50Hz                   | 220V AC, 50Hz                   |
| Absorption                        | 70-Watts                        | 70-Watts                        |
| Fuses                             | 1 Amp                           | 1 Amp                           |
| Room Temperature                  | 10°C to 40°C                    | 10°C to 40°C                    |
| Moisture                          | 10% to 80%                      | 10% to 80%                      |
| Display                           | Graphic LCD                     | Graphic LCD                     |
| Max. Output In Cont. Mode         | 2 Watts/cm <sup>2</sup> or 15W  | 2 Watts/cm <sup>2</sup> or 15W  |
| Max. Output In Pulse Mode         | 3 Watts/cm <sup>2</sup> or 21W  | 3 Watts/cm <sup>2</sup> or 21W  |
| Frequency                         | 1MHz                            | 1MHz & 3MHz                     |
| Output Mode                       | Continuous / Pulse              | Continuous / Pulse              |
| Intensity Level - Continuous Mode | 0.1-2.0 watts / cm <sup>2</sup> | 0.1-2.0 watts / cm <sup>2</sup> |
| Intensity Level - Pulse Mode      | 0.1-3.0 watts / cm <sup>2</sup> | 0.1-3.0 watts / cm <sup>2</sup> |
| Pulse Ratio                       | 1:1 to 1:32                     | 1:1 to 1:32                     |
| Variable Frequency                | 1-200 Hz (in steps of 1 Hz)     | 1-200 Hz (in steps of 1 Hz)     |
| Variable Duty Cycle (PW)          | 1-99% (in steps of 1%)          | 1-99% (in steps of 1%)          |
| Operated by                       | Encoder                         | Encoder                         |
| Power Unit                        | Watts/cm <sup>2</sup> or Watts  | Watts/cm <sup>2</sup> or Watts  |
| Preset Programs                   | 106                             | 110                             |
| Create Program                    | 100                             | 100                             |
| Output Channel                    | One                             | One                             |
| Treatment Time                    | 01 - 99 minutes                 | 01 - 99 minutes                 |
| End of Therapy                    | Buzzer                          | Buzzer                          |