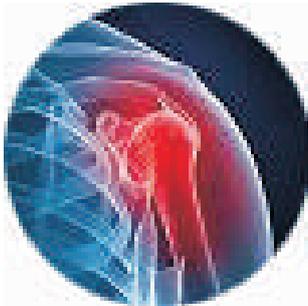


°
°
°
°
Physiotherapy
°
°
°



EMPOWERING HEALTHCARE WITH EXCELLENCE SINCE 1976

SHORTWAVE DIATHERMY

Shortwave therapy is the application of electromagnetic energy to the body at shortwave frequencies. Electromagnetic energy is converted to thermal energy by the induction of circulating currents in the tissue and dielectric absorption in insulating tissue. Shortwave therapy equipment normally uses the band centred on 27.12 MHz. This corresponds to a wavelength of approximately 11 metres. The benefits associated with the heating effect - encouragement of healing, pain relief, reduction of muscle spasm, increase in mobility etc.

PULSE employs the same operating frequency as traditional SWD ie. 27.12MHz. The output from the machine is pulsed such that the 'on' time is considerably shorter than the 'off' time, thus the mean power delivered to the patient is relatively low even though the peak power can be quite high (peak power goes, go up to 500W / 1000W).



GALVOTHERM 250 / 500 Pulse



GALVOTHERM 500 / 1000 Pulse

Features :

- Specially Designed for Hospitals and clinics
- Aesthetic Design
- Digital Treatment Timer
- 5 step intensity control
- Cooling fan
- Also available Multiposition arms with Disc Electrodes (Optional)

Technical Specifications :

	GALVOTHERM 250	GALVOTHERM 500	GALVOTHERM 500 PULSE	GALVOTHERM1000 PULSE
Power Output	250w	500w	250w Cont , 500w Pulse	500w Cont, 1000w Pulse
Frequency	27.12Mhz	27.12Mhz	27.12Mhz	27.12Mhz
Wavelength	11mtrs	11mtrs	11mtrs	11mtrs
Operating Modes	Continuous	Continuous	Cont and Pulse	Cont and Pulse
Power Supply	220-240Vac, 50/60Hz	220-240Vac, 50/60Hz	220-240Vac, 50/60Hz	220-240Vac, 50/60Hz
Fuse	5 amps	10 amps	5 amps	10 amps
H. F. Source	Vacuum tube	Vacuum tube	Vacuum tube	Vacuum tube
Timer	Digital	Digital	Digital	Digital
Weight	12kgs	30kgs	12kgs	30kgs
Pulse modes	NA	NA	20, 50, 100, 150, 200Hz	20, 50, 100, 150, 200Hz

CONTINUOUS PASSIVE MOTION

- CPM is used for range of motion in knee flexion and knee extension
- Specially designed sturdy solid construction of high torque motor for noise free operation
- Foam-padded leg placement seat with straps
- Indicator for Up-Down movement
- Patient Safety Switch
- Thigh-length adjustment



Technical Specifications :

Flexion Angle : 0 - 120 deg # Flex & Extern Delay Time : 1 to 15 sec in steps of 5 # Timer : 1 - 60min

ULTRASOUND THERAPY UNIT



ULT10

Technical Specifications :

- | | |
|--|--------------------------------------|
| # Display : 16 x 2 LCD Display | # Frequency : 1 Mhz |
| # Output : 2.5 W/cm ² | # Modes : Continuous and Pulse |
| # Pulse Frequency : 8, 48, 100 Hz | # Duty Cycle : 10, 20, 50% |
| # Programs : 42 Preset Programs | # Timer : 0-99 min |
| # Buzzer : Audio Buzzer after Treatment time is over | # Power Supply : 220-240Vac, 50/60Hz |

- Micro-controller based, Feather Touch, Digital System
- Built in 2 line LCD module with backlight
- Computerized panel design with soft touch switches for comfort in operation
- Built in clinical programs
- Continuous and pulse mode (3:4, 2:3, 1:2, 1:4, 1:8, 1:12)
- 42 Presetted Programs
- User friendly, simple and easy to operate
- Supplied with Carrying case
- Ultrasound is used to breakup scar tissue, reduce inflammations, ease muscle spam, increase tissue extensibility, speeds metabolism, etc...
- Also available 1 & 3Mhz (Optional), Model ULT103

WAX BATH

- Double walled, Moving on castors, Insulated SS tank with cover
- Automatic Thermostat control, Three step Power Control
- Lamp indicator for Mains and Thermostat
- SS frame on top, Powder coated outer cover
- Most convenient, accessible and reasonably efficient in Heating distal extremities such as fingers and feet

Models available :

- | | | |
|-----------|------------------------|----------------|
| 1] Small | Size : 9" x 9" x 7" | Weight : 8 kg |
| 2] Medium | Size : 12" x 12" x 8" | Weight : 12 kg |
| 3] Large | Size : 22" x 16" x 12" | Weight : 20 kg |

WAX

- # Special Quality Medical Wax # Available in multiples of 5 kg Packs



MULTICHANNEL STIMULATOR



MST - 04

- Micro-controller based
- Four channels – 8 pad unit
- Independent intensity control for each channel
- Current modes : Faradic, Surge faradic, Int. Galvanic, Tens (Cont., Burst, PWM, FM)
- 4 line LCD display
- Feather touch keys
- ABS plastic shockproof body
- Aesthetic look, Compact design Light weight, Easy to use
- Can treat multiple areas simultaneously
- Treatment timer

DIAGNOSTIC CUM THERAPEUTIC STIMULATOR

- Micro-controller based
- Current modes : Galvanic, Int. Galvanic, Faradic, Surge Faradic, Tens (Cont., Burst, PWM, FM), Acupuncture
- 2 line LCD display
- Feather touch keys
- ABS plastic shockproof body
- Aesthetic look, Compact design Light weight, Easy to use
- Can be used for Diagnostic as well as therapeutic purpose
- Treatment timer



DSL - 007

Technical Specifications :

- | | | |
|--|---|---|
| # Plain Galvanic DC | # Faradic : 40Hz | # Surge Faradic : On time : 1-10sec, Off Time : 1-10sec |
| # Int. Galvanic : Freq. : 1, 5, 10, 50, 100Hz | # Duration : 0.01, 0.03, 0.1, 0.3, 1, 3, 10, 30, 100, 300ms | |
| # TNS Frequency : 2, 50, 80, 100, 150 Hz (Continuous, Burst, PWM and FM modes) | | |
| # Resolution : 1 div. | # Weight : less than 2kgs | # Input : 220-240Vac, 50/60Hz |
| # Intensity : 0 - 100 Adj. | # Dimensions : 275 x 200 x 85mm | # Carrying case |
| # Pair of Cable with Electrodes, Straps – 1 Pair | # Handle with cable with electrode – 1 no | |

MINI MUSCLE STIMULATOR

- # Micro-controller based
- # Compact, Portable, Easy to use
- # Treatment timer : 0 – 99 min
- # Display : Two seven segment display
- # 20 Pre-setted Programs and 30 programs for with TNS unit
- # Current modes : Interrupted galvanic, Faradic, Surge Faradic, Tens (Optional)
- # Separate Intensity controls for each channel (Incase of Double Channel)

MS - 01



MST - 01

MS - 02



MST - 02

Single channel / with TNS

Double Channel / with TNS

INTERFERENTIAL THERAPY, LCD

**IF - 50L****Technical Specifications :**

Base : 0 – 150 Hz # Sweep : 0 – 100 Hz # Carrier : 4Khz # Output : 0–100 ma
 # Treat. modes : 2pole. 4pole, 4pole vector, Russian # Spectrum : Triangular, Square, Trapezoidal
 # Isolated outputs # Power Supply : 220-240Vac, 50/60Hz

- Micro-controller based, Feather touch keys
- 4 line LCD Display, Treatment timer
- Modes : 2 Pole, 4 Pole, 4 Pole V90, 4 Pole V45, Russian
- Aesthetic look, compact design, light weight, easy to use
- 50 Programs, ABS shockproof Cabinet
- Displays all parameters on the screen during treatment
- Best for Clinics and Home Visits

IFT + MS + TNS (Combo Unit)

**IF - 99E****Technical Specifications :**

For IFT: Base : 0 – 150 Hz # Sweep : 0 – 100 Hz # Carrier : 4Khz # Output : 0–100 ma
 # Treatment modes : 2pole. 4pole, 4pole vector # Spectrum : Triangular, Square, Trapezoidal
 For Stimulator and Tens: Galvanic : Plain DC current # Interrupted Galvanic (ms): 300, 100, 30, 10, 3, 1, 0.3, 0.1, 0.03, 0.01
 # Faradic : 50Hz, 100Hz # Surge faradic # Tens : 8, 50, 100 Hz

- Micro-controller based, Feather touch keys
- Combination of IFT, Russian, Stimulator and Tens
- 4 line LCD Display, Treatment timer
- Current modes : 2 Pole, 4 Pole, 4 Pole V90, 4 Pole V90, Galvanic, Int. Galvanic, Faradic, Surge faradic, Tens
- Aesthetic look, compact design, light weight, easy to use
- 99 Programs (30 for IFT and 69 for MS, Tense)

IFT + ULT (Combo Therapy)

- Micro-controller based
- Combination of IFT and Ultrasound
- 29 Programs, LCD Display, Treatment timer
- Current modes for IFT : 2 Pole, 4 Pole, 4 Pole V90, 4 Pole V45, Russian
- Continuous and Pulse modes for Ultrasound
- Aesthetic Look, Compact design, Easy to use

**IF - 29U****Technical Specifications :**

For IFT: Base : 0 – 150 Hz # Sweep : 0 – 100 Hz # Carrier : 4Khz # Output : 0–100 ma
 # Treatment modes : 2pole, 4pole, 4pole vector, Russian # Spectrum : Triangular, Square, Trapezoidal
 For Ultrasound: # Modes : Cont and Pulse (3:4, 2:3, 1:2, 1:4, 1:8, 1:12) # Freq : 1Mhz # Output : 2.5 w/cm2

TENS (FOUR CHANNEL)



TNS - 04

Technical Specifications :

Outputs : 4 Channels

Frequency : 2, 50, 80, 100, 150 Hz

Resolution : 1 div.

Intensity : 0 - 100 Adj.

Pair of Cable with Electrodes, Straps – 4 Pair

Waveshape : Biphasic

Modes : Continuous, Burst, PWM and FM

Weight : less than 2kgs

Dimensions : 275 x 200 x 85mm

Input : 220-240Vac, 50/60Hz

Carrying case

- Micro-controller based
- 4 channels , 8 pads to cover a larger area with separate intensity controls
- Independent intensity control for each channel
- Modes : Continuous, Burst, PWM, FM
- 4 line LCD display
- Feather touch keys
- ABS plastic shockproof body, Aesthetic look
- Compact design Light weight, Easy to use
- Can treat multiple areas simultaneously
- Treatment timer
- It is a effective pain management tool

MINI TENS (SC)

ABS plastic shockproof body, Aesthetic look

Compact design, light weight, easy to use

Intensity control with Switch

Variable Frequency

Pair of cables, Straps

Battery as well as mains operated(optional)



MT - 001

Single channel

MINI TENS (DC)

ABS plastic shockproof body, Aesthetic look

Compact design, light weight, easy to use

Intensity control with Switch

Variable Frequency

Two Pair of cables, Straps

Independent Intensity controls for both channels

Battery as well as mains operated(optional)



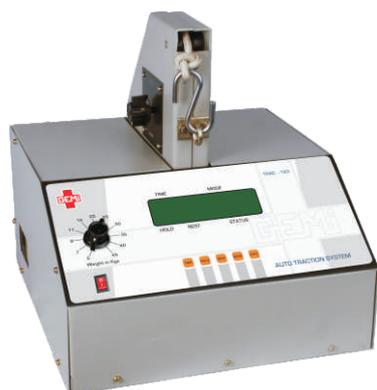
MT - 002

Double Channel

SHOULDER WHEEL



- Chrome plated for long life
- Tension / resistance control
- Can be used for Shoulder as well as Wrist
- Adjustable bar length
- Easy mounting on wall

TRACTION - CERVICAL CUM LUMBER**TRAC - 183**

- Advanced Microcontroller based design
- Static, intermittent and Combi modes
- Specially designed Gear box to give long life
- Noiseless, Reliable and durable heavy duty Motor to pull appropriate weight
- Big Two Line LCD display
- Patient safety switch
- Audible buzzer sound to indicate treatment over
- Traction is effective for bulging, pronated or herniated discs, Sciatica, Spinal stenosis, Neck pain, Spondylitis, Degenrative disc syndrome

Technical Specifications :

Weight : 5 to 45 kgs in 11 steps (till 90 kgs if doubler is used)
 # Hold time : 20, 30, 40, 50, 60, 70, 80, 90 sec

Rest time : 1, 5, 10, 15, 20, 25, 30 sec
 # Input : 220-240 Vac , 50/60 Hz

TRACTION TABLE

- Powder coated Mild steel frame
- Two section table
- One movable section and other section is fixed
- Foam mattress for patient comfort
- Facility to attached lumber belt, chest belt
- Platform to place traction unit



Place to keep traction unit

TT - 2S**LASER THERAPY**

Laser Therapy is a form of phototherapy which involves the application of monochromatic light over biological tissue to elicit a bimodulative effect within that tissue. It assists in improving healing rate, decreases inflammatory edema, increases regeneration of damaged nerve, increases healing responses of fractures.

**LT - 650**

- Micro-controller based
- 4 line LCD display
- Feather touch keys
- 50 Programs
- ABS plastic shockproof body, Aesthetic look
- Compact design Light weight, Easy to use
- Programs for Continuous and Pulse
- Treatment timer

Technical Specifications :

Laser beam Class : 3B
 # Modes : Continuous and Pulse
 # Power Density : 0.8w/cm²
 # Beam Surface : 0.025 cm²
 # Weight : less than 2kgs

Laser Type : Diode, Semiconductor GaAs
 # Wavelength : 650nm
 # Energy delivered/min : 1 Joule
 # Carrying case
 # Input : 220-240Vac, 50/60Hz
 # Power : 40mw
 # Key Lock
 # Goggles

BODYSHAPE - SLIMMING UNIT - 8 pad unit / 16 pad unit / 24 pad unit

BODY SHAPE is a revolutionary new product, especially designed for professional and personal use in clinics, gyms, hospitals and at home, giving relaxing and pleasant treatment for a dream figure. It is effortless and time saving method to give exercise to your muscles in a smooth and safe way, which is called a "passive exercise".

The unit has a versatile treatment selection. It has Thirteen programs to select from, which are **Inch Loss, Fat Loss, Lifting, Toning, Reshaping, Massaging, Relief, Firming, Figure Correction, All mode and Three Tens Programs for Pain Relief.**

- Micro-controller based
- 4 line LCD display
- Shockproof and Elegant ABS cabinet
- Light weight, compact and easy to use
- Feather touch Keypad
- Separate intensity controls for all channels
- Treatment Timer

Technical Specifications :

- Power supply : 230VAC, 50 Hz
- No. of Channels : 04 / 08 / 12
- No. of Pads : 8 / 16 / 24
- Output Voltage : 100V peak to peak (max.)
- Display : 20 x 4 LCD Display
- Programs : 13 (Thirteen)
- Timer : 0 – 99 min

HYDROCOLLATOR UNIT

- Used for Moist Heat Hot Packs
- Completely made up of Stainless steel
- Thermostat to control the temperature
- Very effective treatment for arthritis, myofibrosis, back pain, muscle strains and spasms
- Insulation to prevent heat loss
- Temperature of Hot Packs is maintained
- Cost effective, many treatments from one Pack
- Unit is equipped with casters for free movement
- Provided with four packs,
- 30 minutes of deep, soothing, moist heat
- Durable and easy to maintain

Power supply : 230VAC, 50 Hz
Weight : 10 kg

Power Consp : 1500 W
Size : 13" x 16 "x 21"

**GALTRON ELECTROMEDICAL PVT.LTD.**

ISO 13485 CERTIFIED ORGANISATION

G/I, NAHAR & SETH INDUSTRIAL ESTATE, CHAKALA ROAD, ANDHERI - EAST, MUMBAI - 400099, INDIA.

PH : 91-22-28345018, 28323118, 66910067. Email ID : galtron76@gmail.com, gemiintl@hotmail.com

Website : www.galtronindia.com