

INTRODUCTION

Product DESIGN & DEVELOPMENT	Electrical & Electronics MANUFACTURING
Integrated INSTRUMENT PRODUCTION	Certification QUALITY & VALIDATION

From our humble beginnings in a 500 square feet garage workshop to a 45,000 square feet state-of-the-art manufacturing facility, Johari Digital Healthcare has continued its tradition of bringing the most innovative concepts in medical devices to fruition. Through our strong network and resources spread across India, USA and Europe, we are setting trends for future technologies of medical industry and redefining outsourcing.

PAIN MANAGEMENT TECHNOLOGIES

Western medical science treats body as chemical composition. In order to provide the medical treatment, it many times harnesses the natural process. Electrical side of the body is equally powerful. Electro-medicine/therapy with its limitless potential enhances the natural healing processes. Medical fraternity across the world is re-evaluating their treatment options and considering electro-medicine to achieve more favorable health results



**ELECTROTHERAPY**  
IFT, Russian, TENS, High Volt, Short Pulse, Galvanic, Surged, SD Curve, Ultrasound & Combination therapy. Johari features various electrotherapy modalities with US FDA clearance precise for pain relief and its effects.



**ULTRASOUND**  
Johari's ultrasound devices provide effective Continuous and Pulsed treatments in pain relief and muscle rehabilitation. It delivers 1 & 3 MHz through a unique ultrasound applicator.



**LASER**  
Johari offers a wide range of infrared and red probes and clusters for laser therapy. All the therapy parameters can be easily set on the colour touch screen of the device.



**SHORTWAVE**  
Johari Shortwave is a state-of-the-art device for high-frequency heat therapy. Inductive and capacitive methods of application is given for various pain treatment



Pain is not actually experienced in the body but in the brain. Potentially Electro stimulation could relieve pain and reduce concurrent opioid consumption and associated adverse reaction. The Popularity of electrotherapy for management of **Acute Pain, Post Operative Pain, Labour Pain, Chronic Pain** is established with clinical evidences.



Clinical High End and Over-the-Counter (OTC) devices

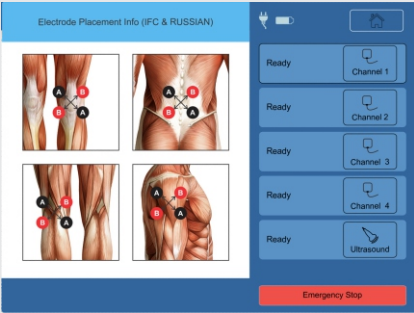
Natural, Non Invasive, Non Toxic Easy to Administer, Safe and Effetive

Avoid Surgery with Pre Operated Pain Management therapies

ORDERING INFORM

Part Number	Description
<b>Winstim WS4U Combotherapy</b>	
90FG50000	Winstim WS4U Unit
<b>Standard Accessories</b>	
40CFG00003	Accessories Kit (Bag)
	Ultrasound Applicator
	8 - Carbon Electrodes 2.5"
50CFG00011	2 - 5 Pin 4 Core Lead Wires
40BFG00007	Elastic Wrap
<b>Optional Accessories</b>	
	Wearable Electrodes
	Vacuum Electrodes
	Vacuum Module
40CME00493	Multi Purpose Trolley
40BCS00002	Seaweed Gel bottle

50+ Preset Treatment Protocols Library With Electrode Placement



Electrode Placement Program Parameters and Program Explanations Are Directly Available For Following Conditions :

- Acute Pain
- Sciatica
- Arthritis
- Chronic Pain
- Nerve Block
- Edema Low, Mid, High
- Range of Motion
- Muscle Re-Education
- Increase Local Circulation
- Scar Tissues / Adhesions
- Joint Contracture / Muscle Spasm

50

Preset Protocols

11

Waveforms Modalities

Treatment Library

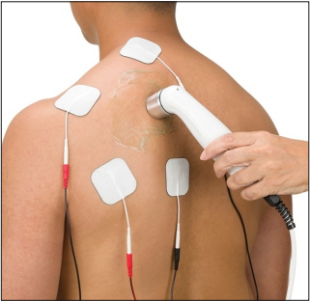
WINSTIM WS4U COMBOTHERAPY



WinStim is 4 Channel Electro-therapy and Ultrasound Combination device which can provide 4 pole and 2 pole interferential treatment as well as a wide range of other electrical stimulation waveforms. Therapeutic voltage and current waveforms may be applied to a wide range of conditions with successful outcomes. These include acute and subacute traumatic and inflammatory conditions, chronic rheumatoid and arthritic conditions and for pain relief.

FEATURES

- 4 Channel Electrotherapy Multiple modalities in a single unit including combination of ultrasound and electrotherapy
- Full-colour, 8" LCD touch screen displays in sharp, vivid detail
- A comprehensive reference library providing information on therapy, treatments and electrode placement
- Tabletop or optional cart configuration
- Treatment Start / Stop and pause switch in the Ultrasound Applicator
- 1 year warranty (repairable) on device and Ultrasound applicator
- SD Curve for interdependence between stimulus strength and the time required in activating the muscles
- Battery power makes it more mobile treatment anywhere anytime
- Treat and monitor multiple patients at the same time
- Different treatment parameters can be saved for different patients



TECHNICAL SEPCIFICATION

WAVEFORMS

	<b>INTERFERENTIAL</b> <ul style="list-style-type: none"><li>• Four Pole</li><li>• Two Pole</li></ul>
	<b>RUSSIAN</b> <ul style="list-style-type: none"><li>• Continuous</li><li>• Cycle Timed</li></ul>
	<b>GALVANIC</b> <ul style="list-style-type: none"><li>• Continuous</li><li>• Medium Freq. Interrupted</li></ul>
	<b>MONOPHASIC</b> <ul style="list-style-type: none"><li>• Continuous</li><li>• Cycle Timed</li><li>• Rectangular Pulsed</li><li>• Triangular Pulsed</li><li>• Surged</li></ul>
	<b>TENS</b> <ul style="list-style-type: none"><li>• Asymmetrical Biphasic</li><li>• Symmetrical Biphasic</li><li>• Alternating Rectangular</li><li>• Monophasic Rectangular</li></ul>
	<b>DIADYNAMIC</b> <ul style="list-style-type: none"><li>• MF • DF • CP • LP</li><li>• CP-ISO • CP-ID</li><li>• MF+CP • MF+CP-ID • DF+LP</li><li>• DF+CP</li></ul>
	<b>HIGH VOLTAGE PULSED CURRENT</b>
	<b>MICROCURRENT</b>
	<b>TRÄBERT</b>
	<b>SURGED</b> <ul style="list-style-type: none"><li>• Rectangular</li><li>• Triangular</li></ul>
	<b>ULTRASOUND</b> <ul style="list-style-type: none"><li>• 1 and 3 MHz</li><li>• Head Contact Control</li><li>• Pulsed Repetition Freq.</li><li>• Electronic Signature</li></ul>
<b>S/D CURVE</b>	

Electrotherapy

Output Channels	4
Carrier Frequency	2,000 - 10,000 Hz
Beat Frequency	0 - 400 Hz
Max. Intensity	0 - 100 mA
Phase Duration	20 - 1000 µS
Treatment Time	1 - 60 Minutes

Ultrasound

Frequency	1 MHz & 3 MHz
Pulse Frequency	100 Hz
Intensity Pulsed	0 to 2.5 W/cm²
Intensity Continuous	0 to 3 W/cm²



ORDERING INFORM

Part Number	Description
	Winlase Unit

Standard Accessories

	Single Diode Laser Applicator
	Cluster Applicator

Optional Accessories

TECHNICAL SEPCIFICATION

Mains Power	110 / 220 VAC
Grade	Medical Grade

Single laser diode emitter

Power	850nm / 200mW
Contact Area	0.07cm <sup>2</sup>
Total optical power	200mW
Power density	2.86W/cm <sup>2</sup>

Cluster Emitter (+ 4 x high brightness LED)

Red LED	4
Red LED Power	670nm / 10mW
Laser Diode	5
Laser Diode Emitter	850nm / 100mW
Contact Area	8cm <sup>2</sup> ;
Total optical power	540mW
Power density	67.5mW/cm <sup>2</sup>



Touch Screen  
8" Display



45 Min.  
Battery Backup

WINLASE - LASER THERAPY



The Winlase Laser technology is based on the proven principle of High Intensity laser therapy. Winlase Laser device is portable, touch screen operated and equipped with therapy protocols for easy and effective operation. The Winlase Laser brings you the most up-to-date treatment methods with a large screen based user friendly interface and selection of useful clinical indications, a logical control system that simplifies treatment choices, and two different applicators.

FEATURES

A revolution in therapeutic laser technology solution for [Orthopaedic Physiotherapy](#)

- Auto detection of attached applicator
- Auto-adjustment of parameters based on attached applicator
- Up to 10 user defined modes
- Emission modes: Continues; Pulsed and Sweep;
- Modes: Manual mode; Protocols (predefined modes); User Define Modes
- Application upgrade in the field through the service mode

8" Large Touch Screen Display

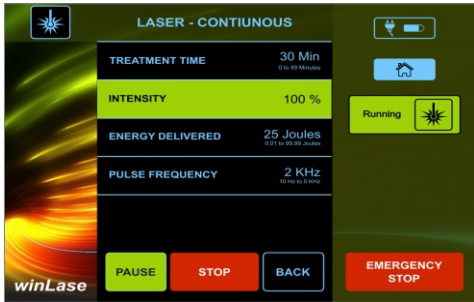
- GUI through 8" LCD touch screen and rotating knob – landscape orientation of LCD.

45. Min. Battery Backup

- Battery automatically and continually charges.
- 45 Min. battery backup solution.

Safe & Effective Laser Therapy For Pain Management

- New generation of technology in laser therapy
- Deeper penetration and superior clinical outcome



HF SOUND - HANDS FREE ULTRASOUND



HF Sound, the new combination of IFT, Premodulated, TENS modes and 1 Ultrasound Modes with 2 Hands free ultrasound applicators. The Device is combined with IR Light Therapy Probe. Device is compact interactive designed model. It's comfortable hands free ultrasound therapy for easy and off hand treatment remarkable results make this unit a Must in any physiotherapy Clinic !

FEATURES

- Two Hands Free Independent Ultrasound Therapy
- 1 & 3 MHz One dual frequency ultrasound.
- Two channels for Electrotherapy
- One Chnnel for IR Light Therapy output
- Ergonomic Designed Enclosure
- Handsfree Arms for Ultrasound Applicator
- Combo IFC and Premod, TENS
- Patient Safety Emergency Stop Switch

Treating too large of a surface area

The HF54 produces an even distribution of sound waves throughout its large (3 5/8") sound head of 3 uniform and harmonized crystals. Two channels of interferential and premod current for muscle stim are included with the unit. Premod can be used in combination with ultrasound directly through 1 or 2 sound heads



TECHNICAL SEPCIFICATION

Ultrasound HF	2 Output
Ultrasound	1 Output
Electrotherapy	2 Output
IR Light	1 Output
Waveform	Sine Wave, Symm Biphasic DC Monophasic
Mode	Interferntial & TENS
Interferential	
Mode	Quadripolar with vector Premod Russian
Frequency	4000 Hz
TENS	
Mode	Continuous Burst Modulation
Frequency	150 Hz
Ultrasound	
Frequency	1 and 3 MHz
Pulse Rate	1 Hz - 150 Hz
Pulse Width	100 µS - 400 µS
Output Voltage	0 - 70 Vpp @ 500 Ω
Treatment Time	Selectable Treatment Timer
Power	110 - 220 VAC

ORDERING INFORM

Part Number	Description
	HF SOUND Unit
	2 Muscle Stimulation Wires
	5" x 3" Electrodes
	3" Electrodes
	Cut Off Switch
	2 Gel Pads & Retainer Ring
	Rolling Cart with Basket
	Weight Bag & Velcro Straps
	Utility Tray & Spray Bottle

Optional Accessories



TECHNICAL SPECIFICATION

Output	One (2 Ports)
Waveform	Sine Wave
Modes	Continuous & Pulsed
Frequency	27.12 MHz
Wavelength	11 Meters
Pulse Rate	26Hz, 35Hz, 46Hz, 62Hz, 82Hz, 110Hz, 150Hz, 200Hz, 300Hz, 400Hz, 600Hz, 800Hz
Pulse Width	65usec, 82usec, 110usec, 150usec, 200usec, 300usec, 400usec;
Tuning	Auto Tuning
Control	Two buttons & rotating knob
Display	7" Color LCD with GUI
Treatment Timer	1 - 30min / default value 15 min / step 5min

Output Power SWD SS 500

Pulsed Mode	500 Watt
Continuous Mode	300 Watt

Output Power SWD SS 1000

Pulsed Mode	1000 Watt
Continuous Mode	400 Watt

Mains Power	110 / 220 VAC
Consumption	600 VA
Fuse	8A Slow Blow
Weight	125 Kg. Approx
Dimensions	400 x 500 x 1000
Temperature	10° - 40° C

SWD SS 500 / 1000 - SHORTWAVE DIATHERMY

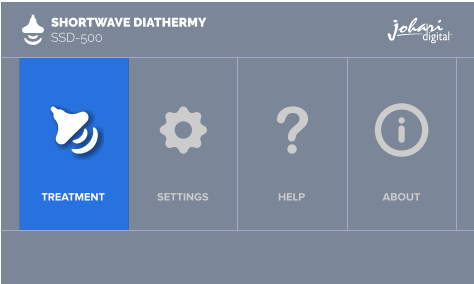


SWD-SS with solid state generator presents Shortwave Diathermy in its most advanced induction field circuitry provides a short-wave frequency of 27.12 MHz that penetrates deep into muscle tissues with negligible heating in the fatty layer or bone. Ideal for professionals or trained personnel in physiotherapy, rehabilitation or Hospital setup.

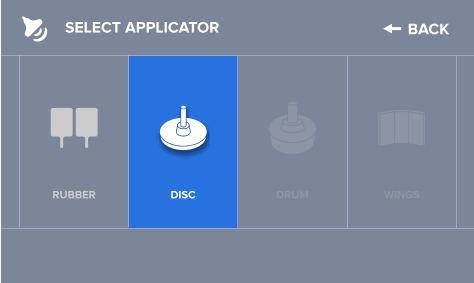
FEATURES

First in nation, Solid State Shortwave Diathermy for Physical Medicine & Rehabilitation

- Power generation via a high efficiency microprocessor controlled, solid state amplifier.
- Fully adjustable pulse rate and pulse width
- Selectable continuous and pulsed power modes
- 300/400 Watt in continuous mode
- 500/1000 Watt in pulsed mode
- Automatic Resonance Tuning System
- Automatic monitoring of distributed energy transfer to applicators
- 7" LCD Color Screen Easy-to-use controls and readouts
- Modular design, easy assembling of applicators through modular sections and easy service process
- Auto Protection Safety and effective circuitry
- Application upgrade in the field through the service mode (easy upgrade the application and fixing the problem on client side)



Experience true immersive display designed with Intuitive, smart and elegant user friendly interface



Selection of Electrode in user interface for a precise output and efficient treatment



ORDERING INFORMATION

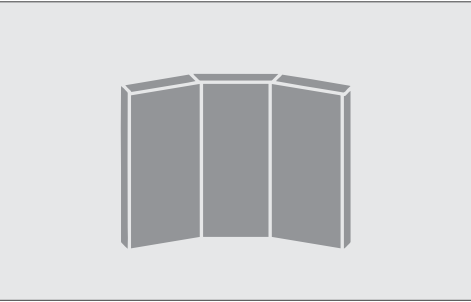
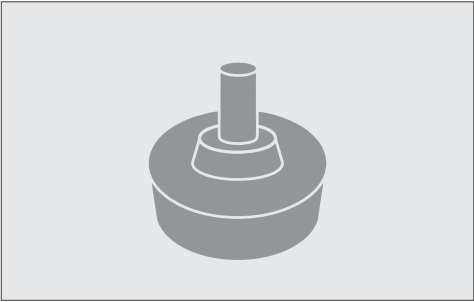
Part Number	Description
	SWD-SS-500 UNIT
	SSD-SS-1000 UNIT

Standard Accessories

Capacitive Rubber Electrode
Capacitive Disk Electrode
2 Lead Wires
Adjustable Applicator Arm

Optional Accessories

Inductive Mono polar electrode
Inductive Multi Polar electrode





# PHYSIOTHERAPY TECHNOLOGIES

Johari Digital offers Non-invasive Pain Management Technologies to compliment treatment procedures of pain clinics with a holistic approach to enhance fast recovery, mobility and achieve optimal health.



## Technology Enabled devices to carry out the treatment

- PHYSIOTHERAPY CLINIC
- PHYSIOTHERAPY FOR HOME VISIT
- PERSONAL PHYSIOTHERAPY

State-of-the-Art US FDA Cleared Medical Devices for precise treatment



### ELECTRO THERAPY

IFT, Russian, TENS, High Volt, Short Pulse, Galvanic, Surged, SD Curve, Ultrasound and Combination therapy.



### LUMBAR TRACTION

A modern Electro mechanical device for treatment of the cervical, lumbar and ankle areas.



### SHORTWAVE

State-of-the-art device for high frequency heat therapy. Inductive and capacitive methods are given for various pain treatment



### PORTABLE ELECTROTHERAPY

TENS- Portable with Battery / Adapter powered. 3 selectable modes Conventional, Burst and Modulation. Easy to use.



### ULTRASOUND

1 & 3 MHz ultrasound treatment through a unique ultrasound applicator treatments in pain relief and muscle rehabilitation.



### MANUAL THERAPY

A physical treatment primarily used by physiotherapists to treat musculoskeletal pain and disability.

## ANAGESIC PULSER - AP439

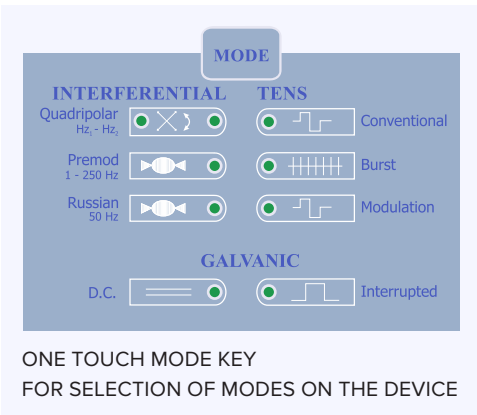


### Multi Waveform Interferential, TENS & Galvanic

Analgesic Pulsar Plus (AP439 Plus), the cutting edge multi waveform, multiple channels device presents the maximum applications of pain relief (Interferential, TENS, Galvanic, Russian etc). It's comfortable stimulation and remarkable results make this unit a Must in any physiotherapy Clinic !

### FEATURES

- Multi-waveform stimulator
- Microcomputer controlled digital unit
- Multiple programs in one unit
- True sine wave with 100% vectoring
- 2 Independent Outputs / 4 channels
- MKB panel with digital display
- Light weight and portable device
- Precise treatment selection
- Comfortable electrical stimulation
- 1 Year Warranty on unit (6 Months on accessories)



### ORDERING INFORM

Part Number	Description
	AP-439 Unit
Standard Accessories	
	2" Carbon Electrodes
	Lead Wires
	Elastic Belts
	Seaweed Gel
Optional Accessories	
	Pen Electrode

### TECHNICAL SEPCIFICATION

Mains Power	110 / 220 VAC
Grade	Medical Grade
Outputs	Two (4 Channels)
Waveform	Sine Wave, Symm Biphasic, DC, Monophasic
Modes :	
Interfential	Quadri Polar with Vector, Premod, Russian
TENS	Continuous, Burst & Modulation
Galvanic	DC and Interrupt DC
Carrier Freq.	4000 Hz (IFT) 2500 Hz (Russian)
Pulse Rate	1 Hz - 250 Hz
Pulse Width	50 µS - 400 µS
Output Voltage	0 - 70 Vpp @ 500 Ω
Treatment Time	5 - 60 Min
Power	110 - 220 VAC

### WAVEFORMS

	<b>INTERFERENTIAL</b> <ul style="list-style-type: none"><li>Four Pole</li><li>Two Pole</li><li>Premod</li></ul>
	<b>RUSSIAN</b> <ul style="list-style-type: none"><li>Continuous</li><li>Cycle Timed</li></ul>
	<b>GALVANIC</b> <ul style="list-style-type: none"><li>DC</li><li>Interrupted</li></ul>
	<b>TENS</b> <ul style="list-style-type: none"><li>Continuous</li><li>Burst</li><li>Modulation</li></ul>



TECHNICAL SEPCIFICATION

Output	One
Waveform	Ultrasound
Modes	Pulsed & Continuous
Frequency	1 & 3 MHZ
% Duty Cycle	10%, 20% and 50%
Max. Intensity	3 watt/cm2
Treatment Time	0 - 60 Minutes
Power	90 - 220 V AC

JUS-2 - ULTRASOUND THERAPY



Therapeutic Ultrasound for Every Clinic

Johari’s ultrasound devices provide effective Continuous and Pulsed treatments in pain relief and muscle rehabilitation. It delivers 1 & 3 MHz through a unique ultrasound applicator. The effect of ultrasound increase in local blood flow can be used to help reduce local swelling, chronic inflammation and promote bone fracture healing.

FEATURES

- 1 and 3 MHz ultrasound frequencies
- Pulsed and continuous ultrasound therapy operation (10%, 20% & 50%)
- Variable duty cycle outputs of 16 Hz, 48 Hz, or 100 Hz for ultrasound
- Lightweight and portable design to make transport easy
- Innovative design allows for cart, table top, wall or mobile use
- Microprocessor controlled digital unit
- Seven segment LED display for better visibility in low light settings
- Improved MKB button for easier navigation
- Ergonomically designed sound head.
- Intensity controller on ultrasound head for easy operation.
- 1 year warranty (probes and accessories 1 year)

ORDERING INFORM

Part Number	Description
90FG07000	JUS-2 Unit
Standard Accessories	
30BME00016	1 & 3 MHz applicator
	Seaweed gel
	Ultrasound applicator cable
40SEE00033	AC Power Cable



NMS-498 - NERVE & MUSCLE STIMULATOR



Advance way to manage pain and muscle rehabilitation

NMS-498 the electronic nerve muscle stimulator provides seven different modes of NMES stimulation which are designed to act on the specific muscle groups. This micro computer controlled unit combines the proven therapies suited best to the rehabilitation needs.

FEATURES

- Single machine with the benefit of dual therapies (TENS/ EMS)
- 4 body areas/ 2 patients can be treated at one time
- Inbuilt 7 preset programs enabling treatment of different pains
- One mode for custom parameter and custom treatment
- Flexibility for custom treatment

EMS & TENS Applications

- Wrist strengthening, Grip strengthening, Fibromyalgia, Tibialis strengthening
- ACL reconstruction, Intrinsic strengthening, Quadriceps strengthening
- Anterior shoulder subluxation , Upper trap spasm, Shoulder weakness
- Relaxation of muscle pain, Prevention or retardation of disuse atrophy.
- Increase local body circulation. Muscle re-education. Immediate post surgical stimulation of calf muscle to prevent various thrombosis.
- Maintaining or increasing range of motion.

Easy Selection Pulse Width, Pulse Rate, Treatment Time and Mode with digital display with increment and decrement key

PULSE WIDTH

PULSE RATE

TIME

MODE

030  
Min. / Hz / μS

▲

▼

Set



ORDERING INFORM

Part Number	Description
	NMS-498 Unit

Standard Accessories

2" Carbon Electrodes
Lead Wires
Elastic Belts
Seaweed Gel

Optional Accessories

Pen Electrode
---------------

TECHNICAL SEPCIFICATION

Mains Power	110 / 220 VAC
Grade	Medical Grade
Outputs	4 Channels
Modes	Continuous, Fast Burst, Slow Burst, Ramp Burst, Wide Low Frequency Narrow Low Freq. & Auto All
Frequency	1 Hz - 250 Hz
Pulse Width	50μS 350μS
Timer	1- 60 min.
Con. Time	6 sec, 8 sec
Rel. Time	2 sec , 4 sec

TECHNICAL SEPCIFICATION

Output	One (2 Ports)
Waveform	Sine Wave
Modes	Continuous & Pulsed
Frequency	27.12 MHZ
Wavelength	11 Meters
Pulse Rate	100Hz, 150Hz, 200Hz, 225Hz
Pulse Width	1 ms - 4 ms (Selectable)
Tuning	Manual Tuning
Control	MKB Switchesand Tuning Knob
Treatment Timer	1-30min / default value
	15min / step 5min

Output Power SSD 500

Pulsed Mode	500 Watt
Continuous Mode	250 Watt
Mains Power	110 / 220 VAC
Consumption	600 VA
Fuse	8A Slow Blow
Weight	125 Kg. Approx
Dimensions	400 x 500 x 1000
Temperature	10° - 40° C

SSD-500 - SHORTWAVE DIATHERMY

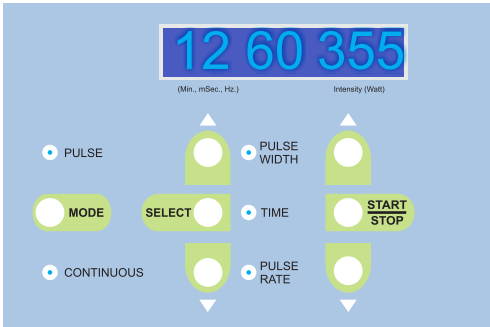


Solid State Shortwave Diathermy

SSD-500 with solid state generator presents Shortwave Diathermy in its most advanced induction field circuitry provides a short-wave frequency of 27.12 MHz that penetrates deep into muscle tissues with negligible heating in the fatty layer or bone. Ideal for professionals or trained personnel in physiotherapy, rehabilitation or Hospital setup.

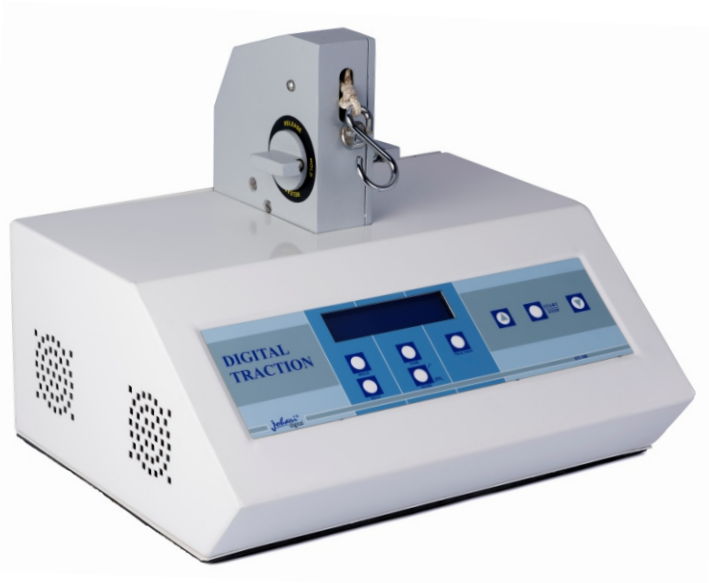
FEATURES

- Power generation via a high efficiency, microprocessor controlled, solid state amplifier
- Fully adjustable pulse rate and pulse width
- Selectable continuous and pulsed power modes
- 250 Watt in continuous mode
- 500 Watt in pulsed mode
- Seven segment digital display for easy readout
- Manual resonance tuning system
- Modular design, easy assembling electrodes through modular sections and easy service process
- Auto Protection Safety and effective circuitry



Easy MKB touch keys to control pulse width, pulse rate and Time

DIGITAL TRACTION - LUMBER CERVICAL



Lumbar and Cervical Traction

Digital Traction DT-90 is a modern electro mechanical system that is used for the Traction treatment of the cervical, lumbar & ankle areas. The unit produces traction force of 0-45 Kg and with helps of doublers the traction force go up to 90kgs. The unit have seven segment LCD display blue illuminated with all MKB control keys.

FEATURES

- Accurate and sturdy traction device.
- Reliable, durable heavy-duty motor.
- Patient operated safety switch.
- Digital display and LCD indicators
- Available traction bed (Optional)
- Controlled, consistent & repeatable traction force
- Ability to maintain clinically effective forces regardless of patient size
- Quick and easy belting provides comfortable and stable anchoring
- Multiple table adjustments to achieve ideal treatment positioning
- User-defined hold, rest and treatment times

TECHNICAL SEPCIFICATION

Mains Power:	110 - 220 VAC
Power Consumption:	
Current Consumption:	
Product Weight:	16 Kg.
Dimensions:	46 x 38 x 36 cm
Electrical Safety Class:	TYPE BF
Mode	Intermittent & Cont.
Traction Tension Parameters	
Traction Time	5 - 60 Minutes
Hold Time	5 - 90 Seconds
Rest Time	5 - 90 Seconds
Traction Force	5 - 45 Kg
Progressive Steps	5 Seconds

ORDERING INFORM

Part Number	Description
1234	Digital Traction Unit
Standard Accessories	
	Lumber Belt
	Cervical Belt
Optional Accessories	
	Traction Bed

ORDERING INFORM

Part Number	Description
1234	SSD-500 UNIT
Standard Accessories	
	Capacitive Rubber Electrode
	Capacitive Disk Electrode
	2 Lead Wires
	Adjustable Applicator Arm
Optional Accessories	
	Inductive Mono polar electrode
	Inductive Multi Polar electrode





## JUS- 1

<b>Outputs</b>	One
<b>Waveform</b>	Ultrasound
<b>Mode</b>	2 (Pulsed & Continuous)
<b>Frequency</b>	1 MHz
<b>% Duty Cycle</b>	10%, 20% and 50%
<b>Max. Intensity</b>	3 Watt/cm <sup>2</sup> (in step of 0.1 watt)
<b>Treatment Time</b>	1 - 60 Minutes
<b>Power</b>	110 - 220 VAC

**STIM<sup>3</sup>**

US FDA Cleared device for physiotherapist to take for home visits and offer pain relief (chronic and acute) and provide the mobility and wellness to patients.

The Stim3 is one of the most popular and successful devices for physical therapy. It provides all therapies in a single hand held device for physical therapist and home care professionals. The Stim3 provides two/four channels, delivering four treatments from a single unit.

## FEATURES

## True Sinewave IFT with four pole application

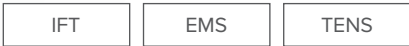
Vector effect ( 100% modulation of amplitude)

Independent 4 channels

Carrier Frequency 5000 Hz

LCD Digital display

## Battery & Adapter Operated 3 Modalities In One Device

Stim<sup>3</sup>

Grade	Medical Grade
Outputs	2
Channels	4 Independent
Electrodes	8 Nos
Waveform	Sine Wave and Symmetrical Biphasic Sq Wave
Carrier Frequency	
Interferential	5000 Hz
EMS / TENS	1 - 150 Hz
Russian	2500 Hz
Modes	IFT, TENS, EMS
IFT	Low, High, Wide & Fixed)
TENS	Conv., Burst & Modulation
EMS	Conv. & Russian
Timer	1 - 60 Minutes
Power	Batteries / Adapter

## JUS-1 ULTRASOUND THERAPY

Johari Digital's ultrasound devices provide effective Continuous and Pulsed treatments in pain relief and muscle rehabilitation. It delivers 1 MHz through a unique ultrasound applicator. The effect of ultrasound increase in local blood flow can be used to help reduce local swelling, chronic inflammation and promote bone fracture healing.

## FEATURES

## Microprocessor Controlled Digital Unit

## Multiple Parameters Selections

## 1 MHz Ultrasound Therapy

US FDA Cleared

## Digital Display of Selections

## Therapeutic Ultrasound for Every Clinic



**Easy to carry backpack your physiotherapy clinic for home visits.**

This toolkit includes Stim<sup>3</sup> (Interferential / TENS / Muscle Stim) and JUS-1 (Ultrasound Therapy). Often people are too injured, too sick or in severe pain to move hence prefer to get rehabilitation program at their home. Physiotherapists help to keep people healthy, active and independent. They also support older people to improve their quality of life. We have introduced a unique PT Kit that every Physiotherapist can carry on their home visits. You can now have your portable clinic On-The-Go because we understand the needs of physiotherapists..

## Electrotherapy and Ultrasound Therapies Applications

- Wrist strengthening, Grip strengthening, Fibromyalgia, Tibialis strengthening
- ACL reconstruction, Intrinsic strengthening, Quadriceps strengthening
- Anterior shoulder subluxation , Upper trap spasm, Shoulder weakness
- Relaxation of muscle pain, Prevention or retardation of disuse atrophy.
- Increase local body circulation. Muscle re-education. Immediate post surgical stimulation of calf muscle to prevent various thrombosis. Maintaining or increasing range of motion.

## ORDERING INFORM

Part Number	Description
	Stim3 Unit
	JUS-1 Unit
Standard Accessories	
	2" Carbon Electrodes
	Lead Wires
	Elastic Belts
	Seaweed Gel
	Backpack
	Power Adapter
Optional Accessories	
	Pen Electrode
	AA Size Batteries





ORDERING INFORM

Part Number	Description
50SFG00003	Stimtec 2
Standard Accessories	
	2" Self Adhesive Electrodes
50CFG00005	Lead Wires
40BFG00007	Elastic Belts
50SEE00007	Power Adapter
40SFG00001	9 Volt Battery
50CME00004	Carry Case

T250 Unit
Standard Accessories
Self Adhesive Electrodes
Lead Wires
Carry Bag
9 V NiMH Battery

Optional Accessories

TECHNICAL SEPCIFICATION

STIMTEC 2

Outputs	2
Electrodes	4
Waveform	Symmetrical Square Wave
	Bi Phasic Square Wave
Stimulation	TENS & EMS
Power Source	9 V NiMH Battery or Adapter
Timer	1 - 60 Minutes
Programs	20
Power Output	28 V peak to peak
Frequency	
Weight	

TECHNICAL SEPCIFICATION

TENS T250

Channels	Dual, Isolated
Waveform:	Asymmetric biphasic square pulse
Pulse Amplitude	0-80 mA each channel
Pulse Width	40-260µ sec. adjustable
Pulse Rate	2 - 150 Hz
Treatment Time	30 min., 60 min & continous

STIMTEC 2 - PERSONAL CARE



PERSONAL Pain Relief Device

The Stimtec is one of the most popular and successful devices for physical therapy. It provides all therapies in a single hand held device for physical therapist and home care professionals. The Stimtec provides four channels, delivering four treatments from a single unit.

FEATURES

- 2 Channels of stimulation output
- 20 Pre-set programs including 5 quick select programs for ease of use
- Modern design and soft push buttons for comfortable use
- Adjustable timer
- Powered by both battery and adapter
- Unit features include 2 stimulation programs
  - TENS
  - EMS
- Easy to read Large LCD display and convenient easy to use controls
- 1 year warranty (unit only)

T250- TENS STIMULATOR

FDA Cleared Device For Pain Relief

In TENS therapy, a small, battery-operated device delivers low-voltage electrical current through the skin via electrodes placed near the source of pain. It stimulates the nerves in the affected area and sends signals to the brain that block the pain perception. TENS is proven to be an effective therapy to mask pain.

FEATURES

- For symptomatic relief and management of chronic pain and acute post-surgical or post-trauma pain.
- Dual independent channels
- Adjustable timer on standard and digital units
- Adjustable frequency and pulse duration parameters
- Basic and standard units feature three modes: burst, normal and modulation
- TENS unit modes:
  - Burst
  - Normal
  - Modulated rate and width
- Analog controller for intensity
- 1 year warranty (unit only)
- Power ON and Low Battery Indicator



SPORTS AND FITNESS TECHNOLOGIES

Athletically increasing and maintaining consistent peak performance without interruption from muscle stress, strain and injuries.



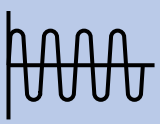
Bio Stimulation Technology



Compound Waveform

X-trainer uses compound bio-wave with asymmetric pulse therapy proven therapy which treats the neurological origin of pain and restricted movement. This Neuro Recovery Technology is a patented and proven program which dramatically speeds up recovery of all surgical or non-surgical patients by keeping them in a parasympathetic state rather than a sympathetic state.

Russian Stimulation Technology



Johari provides Russian Stimulation to stimulate motor nerves. Its capability of a high frequency (2500Hz) allows for deep muscle penetration, stimulation and intense muscle fiber contraction. It's commonly used to relieve muscle spasms and assist patients suffering from Scoliosis. Russian Stimulation Therapy is mostly used for muscle mass and edema reduction.

Sports Therapy helps you achieve optimal health and muscle recovery. It increases range of motion that accelerates your muscle strength & improves stamina, Fitness, Performance and Rapid Recovery, No Drug.



Muscle Endurance



Fitness



Toning & Firming



Body Contouring



ORDERING INFORM

Part Number	Description
80FG12000	X-Trainer Unit

Standard Accessories

-	Wearable Electrodes
50AFG00004	2" Carbon Electrodes
50AFG00003	3" Carbon Electrodes
	4" Carbon Electrodes
	2" Sponges For Electrodes
	3" Sponges For Electrodes
	4" Sponges For Electrodes
	2" x 4" Adhesive Electrodes
	2" Dia Circle Adhesive Electrodes
	2" x 24" Elastic Wrap
	2" x 48" Elastic Wrap
	6" x 48" Elastic Wrap
30BME00016	Seaweed Gel
50SEE00048	Power AC Cord
50CFG00003	10 Feet long Lead Wires (5Pin-4Core)
30CPG00003	User Manual

Optional Accessories

	Wearable Electrode
	EMS Body Suit
	Lead Wires for EMS Body Suit

TECHNICAL SEPCIFICATION

X-Trainer	
Grade	Medical Grade
Channels	4 Independent
Modulation	Contraction
	Relaxation
	Ramp
Output Power	150V @ 500Ω
Waveform	Bio Electrical Compound Wave
Frequency	10 Khz
Treatment Time	1 - 60 Minutes
Diplay	8" Touch screen






X-TRAINER - POWERED MUSCLE STIMULATOR



THE ULTIMATE IN NEUROMUSCULAR RE-EDUCATION

X-trainer uses compound bio-wave with asymmetric pulse therapy proven therapy which treats the neurological origin of pain and restricted movement. This Neuro Recovery Technology is a patented and proven program which dramatically speeds up recovery of all surgical or non-surgical patients by keeping them in a parasympathetic state rather than a sympathetic state. X-Trainer helps you achieve optimal health and muscle recovery. It increases range of motion that accelerates your muscle strength & improves stamina, Fitness, Performance and Rapid Recovery, No Drug required.

FEATURES

-  7" large Full color LCD touch screen interface
-  4 Channels and 2/4 Channel Grouping
-  Three mode : Mapping, Recovery and Training Mode
-  Designed for work with EMS suits.
-  Dual Wave Technology Active & Background

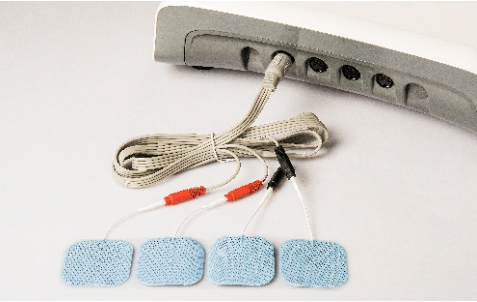
HOW DOES EMS TRAINING WORK?

EMS

During traditional strength training the brain sends impulses which stimulate certain muscles to contract. However, not all muscles have a well-developed connection to the brain and these muscles are not activated as easily and therefore they will not develop so well.

EMS Training stimulates all the major muscle groups and also helps to develop the motor nerve connections relating to muscle movement. By sending electric impulses directly to these motor nerves, even the weakly connected muscles are activated.

Natural process and side effects Free	More recovery with every implication	Excellent treatment results
---------------------------------------	--------------------------------------	-----------------------------



GET A WEEK'S WORTH OF WORKING OUT IN EVERY SESSION



THE REMARKABLE RESULTS

IMPROVE  
**ENDURANCE**  
**FLEXIBILITY**  
**PERFORMANCE**  
**POSTURE**  
**STRENGTH**  
**MUSCLE CONTROL**

**BUILD STAMINA**  
**BUILD MUSCLE**  
**FOCUSED TRAINING**  
**REDUCE RECOVERY TIME**  
**MUSCLE RE-EDUCATION**  
**ACHIEVE A TONED BODY**



TECHNICAL SEPCIFICATION

Background Pulse Frequency	10kHz
Frequency Width of Background Pulse	100uSec
Main pulse frequency	1 - 500pps
Duration of low frequency impulse	460uSec
Max peak impulse current delivery per channel	100mA
Max charge per impulse per channel	46uC
Max RMS output voltage	62.5V
Max RMS power delivery per channel	2.5W
Impulse intensity adjustment	0 - 100% in 1% increment
Typical Impulse Rise time (20-80%)	60uSec
Output Mode	Electrodes

EFFECTIVE, COMFORTABLE AND DURABLE X-TRAINER EMS BODY SUIT





ORDERING INFORM

Part Number	Description
90FG16000	Hilipo Contour Unit

Standard Accessories

50AFG00003	3" Carbon Electrodes
50CPG00001	Lead Wires
40BFG00007	Elastic Belts
50AEE00001	Power Adapter
30BME00016	Seaweed Gel

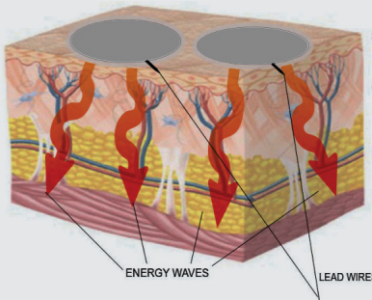
Optional Accessories

Wearable Electrodes
---------------------

TECHNICAL SEPCIFICATION

Outputs	4 (4/2 Pole Application)
Electrodes	16
Stimulation	Interfential
	Russian
	EMS
Frequency	40 - 4000 Hz / 250 Hz
Max. Output	80 V (Bio Stimulation)
Treatment Time	1 - 60 Minutes Adjustable

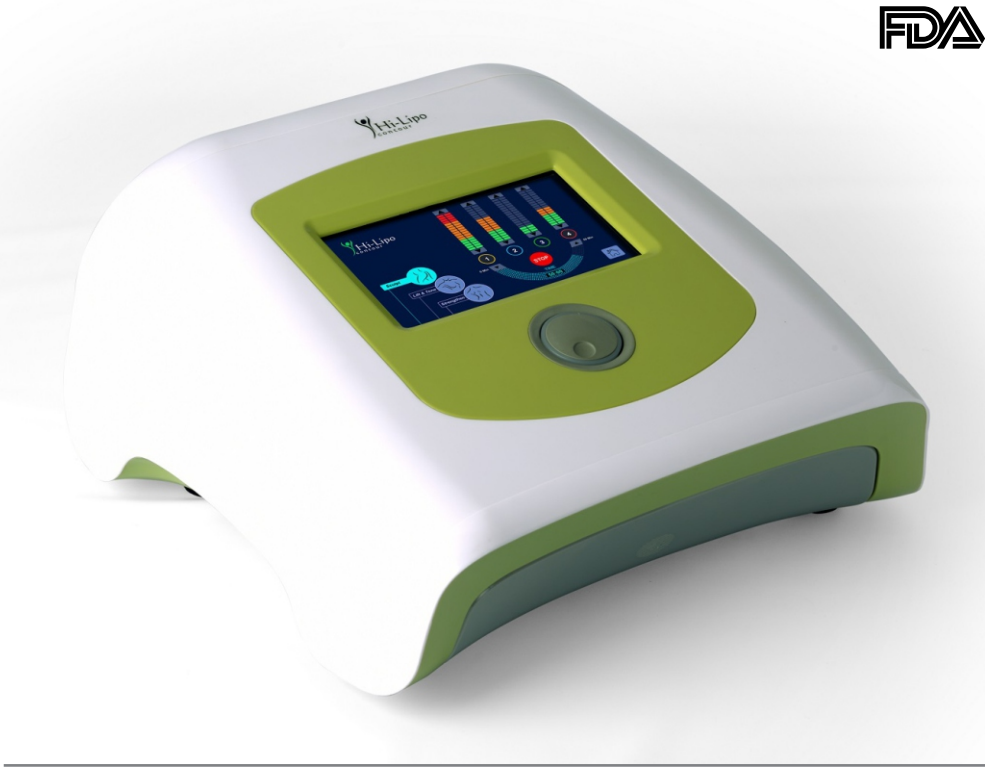
BIO ELECTRICAL STIMULATION  
TECHNOLOGY FOR BODY CONTOURING



3D PENETRATION VECTOR

Bio Stimulation is a treatment that promotes skin and muscle repair and rejuvenation by stimulating your body's electrical healing system. Our special designed frequencies provides workout the abdominal and other muscles more effectively. It is 150 times more intense than a crunch.

TORC PRO



Torc Pro uses bio-electrical stimulation to tone the muscles, combat body pain, and promote endurance. These functionalities make this device as one of the best body contouring Devices at the present time. Apart from that, Torc Pro can bring you sustainable inch loss, increased muscle definition, better posture and balance. Torc Pro mimics the body's natural bio-electricity to work out muscles in a much more safe and effective manner than a traditional workout. Torc Pro's patented protocols of EMS penetrate the deep-rooted muscular structure of the body, bringing definition and core muscle strength to targeted areas.

FEATURES

- 7" large Full color LCD touch screen interface
- 4 Independent Output to treat multiple area
- Three Preset Programs Sculpt, Tone & Power
- 3D Penetration, 100% Vector Modulation



AESTHETIC BENEFITS OF TORC PRO



**FDA-cleared** TORC Pro exercises the muscles around the problem areas in a very powerful way, while you are lying down on a massage table. TORC Pro's treatments when combined with a diet plan and detox session, bring fast and long lasting results for:

- **POST SURGICAL WEIGHT MAINTENANCE**
- **CELLULITE REDUCTION**
- **BODY SHAPING**
- **FAT LOSS**
- **WEIGHT LOSS**
- **TONING FIRMING**
- **SKIN TIGHTENING**
- **MUSCLE STRENGTHENING**

Results in smoother skin and a more appealing contour via collagen stimulation.



EME-123 FLEX-E-TONE



ELECTRONICS MUSCLE EXERCISER

If your clients are looking for a treatment that helps them lose stubborn fat without strict diets, strenuous exercise, harmful metabolism boosters or complicated surgeries? With EME 123, you will be able to fulfil your clients demands through five tailor made programs. EME 123 Provides continuous concentration & relaxation of muscles as per the selected mode by passing electric signal through electrodes placed on the desired muscle group. This provides passive exercise to tone, firm & tighten the muscles.

FEATURES

- Strong and sturdy aluminum constructed slimming equipment.
- Device is loaded with complete slimming program.
- Comprises of 12 channels to treat 12 different muscle group.
- Separate Intensity Control on every channel.
- 5 Different treatment programs.
- Digital Display of Contractions, Relaxation, Mode and Time.
- 2 Patients can be treated simultaneously with different modes.

APPLICATIONS & BENEFITS

- Flatten the tummy & reduce cellulite
- Lift, firm and strengthen (flatten)
- sagging abdomen, buttocks & thighs
- Accelerate muscles build up in men
- Tone, firm and strengthen abs, midriff bulge, pecs, biceps
- Enhance the results of physical exercise programs

PT-11 PERSONAL TORC

Combo Stimulator IF-5000 is a Microcomputer Controlled Digital four-channeled unit through two outputs. It is designed to provide Muscle Stimulation & Interferential Stimulation current waveforms to treat painful muscles. The unit can be programmed to provide either of the waveform using either of the output. Combo stimulation can be selected to provide interferential for certain time in one output followed by Muscle Stimulation in the other output.

BENEFITS OF PT-11

- Gain explosive speed and power
- Training Recovery
- Improve endurance
- Recover faster
- Reduced risk of injury through proper warmup
- Build muscle size and density
- Increase vertical and muscle reaction time
- Increase local blood flow to sore and achy muscles
- Increased athletic performance



DIGITAL SEQUENTIAL STIMULATOR

TECHNICAL SEPCIFICATION

Channels	12
Electrodes	24 Nos
Waveform:	Symmetrical Bi-Phasic Square
Modes	Lifting, Inch Loss, Fat Loss,
	Firming & Toning, Auto All
Contraction Time	1 - 9 Seconds
Relaxation Time	0 - 9 Seconds
Output	0 - 70 V
Timer	1 - 60 Min.

ORDERING INFORM

Part Number	Description
EME-123 Unit	

Standard Accessories

3" Carbon Electrodes
Lead Wires
Carry Bag

Optional Accessories

Wearable Electrodes
---------------------

TECHNICAL SEPCIFICATION

Outputs / Channels	2 / 4
Modes	EMS, IFT, IFT Sequencing
Frequency IFT	5000 Hz
Frequency Sweep	1 - 10 (Low), 80-150 Hz (High)
EMS	1 - 150 Hz
Russian	250 Hz
Sweep	50 Hz
Pulse Width	50 - 400 $\mu$ S
Ramp Up/Down	1 - 9 Sec
Contraction Time	1 - 30 Sec.
Relaxation Time	0 - 30 Sec.
Output Current	100mA peak to peak
Treatment Time	1 - 60 Min.
Combo Sequential	1 - 30 Min.
Power	4x1.2V NiMH AA batteries

WAVEFORMS

	INTERFERENTIAL
	EMS/ RUSSIAN
	SEQUENTIAL