



Delivering Creativity & Innovation

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ISO 9001:2008 ; ISO 13485:2003 and US FDA Regd.



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## Product Catalog - 2014

Physiotherapy & Medical Aesthetics



Delivering Creativity & Innovation



www.joharidigital.com

## INTRODUCTION



Johari Digital Healthcare Ltd is a Corporation, established in 1979, is an international business enterprise with powerful combination of experience and expertise focused to create most advanced medical device solutions. The company has been supplying medical devices to Life science, Diagnostics, Therapeutic and Medical aesthetic markets with its successful venture of Medical aesthetic product line where thousands of patients were being treated with great results.

## INTERNATIONAL ACCREDITATION



### US FDA, ISO 9001:2008, ISO 13485:2003, CE

**US FDA** is a pre-market clearance from FDA to assure the safety and effectiveness of the device since they are used over body its utmost important that they perform and safe.

**ISO 9001:2008** is a quality standard for organizations that design, develop, produce or service medical devices. It sets prescribed quality parameters to be maintained for systems.

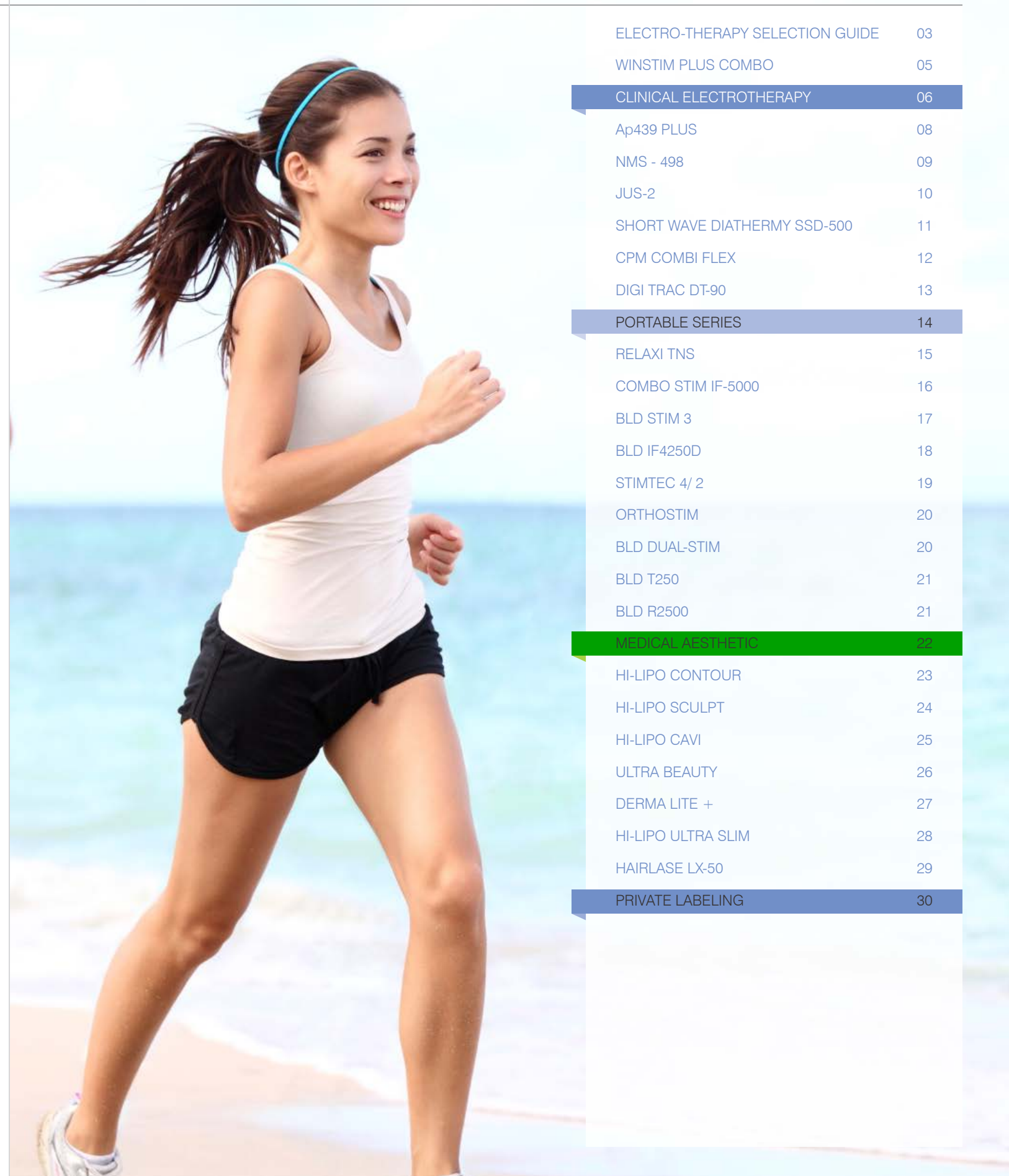
**ISO 13485:2003** is a single standard for all classes of medical devices. Its scope includes design and manufacturing. It is a key regulatory consideration for allowing medical device manufacturers to market their products around the globe.

**CE** mark is a mandatory conformity mark on many products placed on the single market in the European Economic Area. The manufacturer placing the product on the market asserts that the item meets all the essential requirements of the relevant European Directive(s).

**CGMP** - Current Good Manufacturing Practice regulations enforced by the US Food and Drug Administration (FDA). CGMPs provide for systems that assure proper design, monitoring, and control of manufacturing processes and facilities.

























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## ELECTROTHERAPY SELECTION GUIDE




PRODUCTS	CH / US	WAVEFORMS	PRODUCTS	CH / US	WAVEFORMS
 	WS4U	4 CH E-Stim 1 & 3 MHZ US	IF-5000	4 CH	 
	WS2U	2 CH E-Stim 1 & 3 MHZ US	BLD STIM <sup>3</sup>	2/4 CH	 
	WSU	1 & 3 MHZ US	IF4250D	2 CH	 
AP439	4 CH	 	StimTec 4	2 CH	 
BLD JUS2	1 & 3 MHZ US		OrthoStim	2 CH	 
RelaxiTNS	1/2 CH	 	Dual-Stim	4 CH	 
NMS 498	4 CH		TENS T250	2 CH	 
			R2500	2 CH	 

## LEGEND





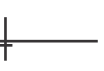











## Modality

Electrotherapy	Ultrasound	Combination
		 

## Function

Portable	Clinical	Mobile
		

## Waveforms

TENS / EMS				Galvanic		Surged	
Symmetrical Bi-phasic Square	Asymmetrical Bi-phasic Square	Alternating Rectangular	Monophasic Rectangular	DC	Interrupted	Rectangular	Triangular
							
Interferential	Premodulated	Russian	High Volt	Ultrasound	Diadynamic	Trabet	RF
							

Internationally Recognized World Class Therapy Devices for  
Physiotherapy, Pain Management, Sports Medicine and  
Rehabilitation

# therapy in style

Combination therapy

Electro therapy

Ultrasound

Shortwave Diathermy

Longwave Diathermy

Traction

Continuous Passive Motion

LASER

Heat therapy

Rehab. Equipment

# WinStim Plus

## ELECTROTHERAPY (4/2 CH) Plus ULTRASOUND COMBINATION THERAPY

WINSTIM is a clinical combination therapy with easy user interface and versatility to treat different body areas simultaneously. This aesthetically designed clinical model has a unique ultrasound head with inbuilt power control and user preset electrotherapy programs. The state of the art WINSTIM is light weight, small in size, and battery powered.



### WAVEFORMS



- Interferential**
- Four Pole
  - Manual Vector Scan
  - Two Pole (Premodulated)



- Monophasic**
- Continuous
  - Cycle Timed
  - Rectangular Pulsed
  - Triangular Pulsed
  - Surged
  - Asymm. Biphasic Square



- Russian**
- Continuous
  - Cycle Timed



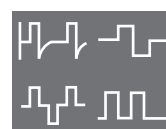
- Galvanic**
- Medium Freq. Interrupted



- Diadynamic**
- MF • DF • CP • LP
  - CP-ISO • CP-ID
  - MF+CP • MF+CP-ID
  - DF+LP • DF+CP



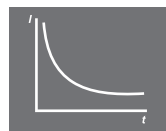
- High Volt**
- Pulse Current
  - Twin Pulses



- TENS**
- Asymm. Biphasic Square
  - Symmetrical Biphasic Square
  - Alternating Rectangular
  - Monophasic Rectangular



- Ultrasound**
- 1 and 3 MHz
  - Head Contact Control
  - Pulsed Repetition Freq.
  - Electronic Signature
  - Symmetrical Square Pulse



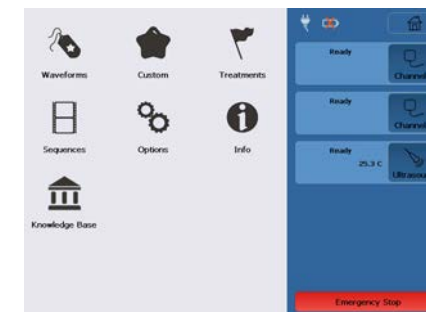
- SD Curves**
- Rheobasis
  - Chronaxie



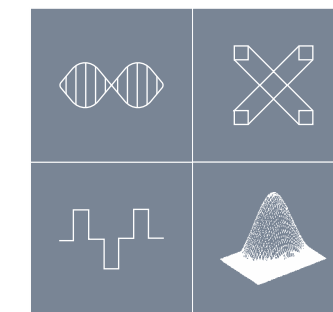
- Trabert**



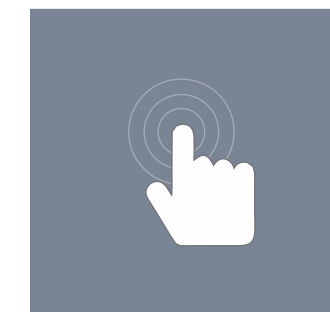
- Surged**
- Rectangular
  - Triangular



Advanced & Intuitive  
SmartPhone style OS



Combination  
Therapies



Largest Touch Screen  
in the Industry.

### SPECIAL FEATURES

- Up to 50 Pre-programmed protocols
- User-defined protocols
- Programmable sequences
- Electro diagnostics: I/t curves, rheobasis and chronaxie
- Full range of low and medium frequency waveforms
- Ultrasound Head Ready for Under Water Therapy
- Ultrasound Head Warming
- 8" Capacitive Touch Screen LCD Display
- Inbuilt battery pack

### ORDERING INFORMATION

Part No.	Accessory
2000440-004	Lead Wire (5 Pin 4 Core) 4 Ch (2x)
VL4545	Electrode Self Adhesive 4 Ch (8x)
500012-002	4 cm2 Ultrasound Applicator
500012-006	Ultrasound Conductive Gel (250 mg)
500012-003	24 V Adaptor with AC Cord

### TECHNICAL SPECIFICATION

- No. of channels: 4/2
- Carrier Frequency: 2000-10000 Hz
- Beat Frequency: 0-400 Hz
- Max. Output Intensity: 0-100mA
- Phase Duration: 20-1000  $\mu$ S
- Treatment Time: 1-60 Min.
- Power:
  - Input: 110 ~ 220 V
  - Output: 24V DC Adaptor
  - Inbuilt Battery: 24V DC
- Electrical Type: TYPE BF
- Shipping Weight: 5 Kg.
- Shipping Dimensions: 41x32x20 cm (LWH)

### ULTRASOUND SPECIFICATION:

- Frequency: 1 MHz & 3 MHz
- Pulse Frequency: 100 Hz
- Intensity: 0 to 2.5 W/cm<sup>2</sup> (Continuous)  
0 to 3 W/cm<sup>2</sup> (Pulse)
- Beam Nonuniformity Ratio: 5:1
- ERA: 3.5 cm<sup>2</sup> to 5 cm<sup>2</sup>





## ANALGESIC PULSER AP-439 PLUS

### 4CH MULTI-WAVEFORM STIMULATOR

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.) and physiotherapy in one compact device.



### WAVEFORMS

-  4 Pole Interferential (IFT)
-  Premodulated
-  TENS (Conventional, Burst, Modulation)
-  Galvanic DC and Interrupt DC

### SPECIAL FEATURES

- Microcomputer controlled
- 2 Outputs (4 Channels)
- Precise treatment selection
- True sine wave interferential
- Comfortable electrical stimulation
- MKB Panel with digital display
- Multi-waveform stimulator

### ORDERING INFORMATION

Part No.	Accessory
VI4545	Adhesive Electrode Self
4481143900	Instruction Manual
42808TNBL04	Oval Bag
4381143902	Quick References
4481190001	Warranty Card
	Lead Wire (5 Pin 4 Pole)

### TECHNICAL SPECIFICATION

- 2 Outputs (4 Channels)
- Waveform: Sine Wave, Symmetrical Biphasic, DC
- Modes: Interferential: Quadripolar with Vector, Premod, Russian
- TENS- Continuous, Burst & Modulation
- Galvanic- DC and Interrupt DC
- Carrier Freq.: 4000Hz (IFT) and 2500Hz (Rus.)
- Pulse Rate: 1-150Hz
- Pulse Width: 50 $\mu$ s-400 $\mu$ s
- Output Voltage : 0-70Vpp @ 500  $\Omega$
- Treatment Time : 5-60 min
- Power: 110-220 V
- Electrical Type: TYPE BF
- Shipping Weight: 4.7 Kg.
- Shipping Dimensions: 41x32x20 cm (LWH)

The Johari Clinical Electrotherapy Line is represented for high quality and affordable microcomputer controlled digital devices. Tailored with precise treatments for Pain Relief and Rehabilitation needs of the patients with most comfortable electrical stimulation



## NMS - 498

### 4CH NERVE & MUSCLE STIMULATOR

NMS-498 is an electrically powered Nerve (TNS) and Muscle (EMS) Stimulator having 6 presets modes and one fully customized mode. BLD NMS-498 is mechanical device with separate intensity control for each channel.



### WAVEFORMS



Symmetrical Biphasic Square

### SPECIAL FEATURES

- Micro Computer Controlled Digital unit
- 7 Preset Programs
- Seven Segment Digital Display
- Four Body Area Treatment Simultaneously

### APPLICATIONS

- Relaxation of muscle Pain
- Prevention or retardation of disuse atrophy
- Increase local body circulation.
- Muscle re-education.
- Immediate post surgical stimulation of calf muscles to prevent various thrombosis.
- Maintaining or increasing range of motion.

### TECHNICAL SPECIFICATION

- 4 Channel, 8 Electrodes
- Modes: Continuous, Burst, Ramp, Wide Low Freq, Narrow Low Freq. Auto All
- Pulse width: 50 - 350  $\mu$ S, (10  $\mu$ S / step)
- Pulse rate: 1 - 200 Hz
- Contraction Time: 6 sec., 9 sec.
- Relaxation Time: 2 sec., 3 sec., 4 sec.
- Waveform: Symmetrical biphasic square pulse
- Timer: 1 - 60 min. (1 min. / step)

### ACCESSORIES

- 4 Lead Wires
- Self-stick Hypoallergenic Disposable Electrodes
- Operation Manual
- Carry Bag

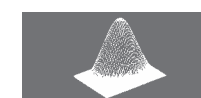
## JUS-2

### 1 & 3 MHz THERAPEUTIC ULTRASOUND

BLD JUS-2 provide the most effective Continuous and Pulsed treatments in pain relief and muscle rehabilitation. It is a micro computer controlled desktop device which delivers continuous & pulsed Ultrasound Therapy 1 & 3 MHZ (JUS-2) through a unique ultrasound applicator for professional use.



### Waveforms



Ultrasound

### SPECIAL FEATURES

- 7 Segment Digital Display
- Multiple Selections of Parameters
- Microprocessor controlled Digital Unit
- Intensity control / Display inbuilt in Ultrasound applicator
- Digital Display of selections

### ORDERING INFORMATION

Part No.	Accessory
43811JU001	Instruction Manual
43811JU002	Quick Reference
70JUSAP00	JUS-2 Applicator
42808TNBL04	Oval Bag
4481190001	Warranty Card
	Conductive Gel

### TECHNICAL SPECIFICATION

- Mode: Pulsed and Continuous
- Frequency: 1 MHz & 3 MHz
- % Duty Cycle: 10,20 & 50%
- Maximum Intensity: 3 watt/cm<sup>2</sup>
- Treatment Time: 1-60 Minutes
- Power: 110-220 V AC
- Electrical Type: TYPE B
- Shipping Weight: 4.5 Kg.
- Shipping Dimensions: 41x38x20 cm (LWH)

## SHORT WAVE DIATHERMY SSD-500

### SOLID STATE DIATHERMY

This new elegant high power SSD-500 with solid state generator present Shortwave Diathermy in its most advanced configuration to date. The unique 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. The solid state generator ensures a uniform frequency during treatment and longer life for the device. Plus you can work with much lesser interference to the other devices.

Ideal for professionals or trained personnel in physiotherapy, rehabilitation or any type of Hospital setup.

The First **SWD** in nation with  
**Solid State Generator**

### Waveforms



Radio Frequency



### SPECIAL FEATURES

- Solid State Shortwave Diathermy
- Seven Segment Digital Display
- Manual Tuning
- High-performance multi-jointed arms
- Easy-to-use controls and readouts
- Safety circuitry
- 1 Year Standard Warranty

### ORDERING INFORMATION

Part No.	Accessory
42601SPUK8	Pad Electrode
42601LS0105	SWD Cable
4280901224	AC Cord
42400DISC1	Disc Electrode with Arm (Optional)

### TECHNICAL SPECIFICATION

- Waveform: Symm. Biphasic Square Wave
- Output Modes: Continuous & Pulsed
- Frequency: 27.12 MHz
- Pulse Rate: 100, 150, 200, 225 Hz
- Pulse Width: 1-4 millisecond
- Wavelength: 11 Meters
- Max. Output Power:
  - Pulsed mode- 500 Watt
  - Continuous mode- 250 Watt
- Treatment Time: 1 - 30 Min
- Operating Voltage: 220V AC / 50 Hz
- Classification Class 1 Type BF (EN60601-1)
- Shipping Weight: 58 Kg.
- Shipping Dimensions: 51x51x127 cm (LWH)

## CPM - COMBI FLEX

### CONTINUOUS ACTIVE CUM PASSIVE MOTION

Word's First  
Active cum Passive

CPM is one of the primary methods for decreasing the deleterious effects of immobilization and can deliver orthopedic, neurological, and even circulatory benefits to the patient. Immobilization, in turn, can create deleterious sequel of physiological and functional impairments. TENS initiates pain relief during the process of rehabilitation for better results.

### Waveforms



TENS



### SPECIAL FEATURES

- Matrix LCD Display
- Hand held remote control
- Adjustable Calf Length Range
- Thigh Length Range
- 1 Year Standard Warranty

### ORDERING INFORMATION

Part No.	Accessory
43601FB002	Foot rest Seat
43601TB003	Thai rest Seat
4460136B40	Lead Electrode Wire
VI4545	Adhesive Electrode Self
428CPMPRO01	Instruction Manual
4481190001	Warranty Card

### TECHNICAL SPECIFICATION

- TENS Waveform : Symm. biphasic Square
- Extension Angle: Adjustable from 0° to 110°
- Flexion Angle: Adjustable from 10° to 120°
- Hold Time: adjustable from 0 to 10 sec.
- Pulse Width: 200  $\mu$ S & 250  $\mu$ S
- Pulse Rate: 50 Hz & 150 Hz
- Intensity: Adjustable from 0 to 50
- Treatment Time: Adjustable from 1-60 min
- Output Voltage: 40 Vpp@ 500 $\Omega$  Resistive Load
- Power input: 110/220 V AC
- Shipping Weight: 36 Kg.
- Shipping Dimensions: 112x35x31 cm (LWH)



## DIGI-TRAC DT-90

### LUMBER - CERVICAL - ANKLE TRACTION

TRACTION UNIT 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.



### SPECIAL FEATURES

- Accurate & sturdy traction device
- Reliable, durable heavy-duty Motor
- Patient-operated Safety Switch
- Seven Segment display and LCD indicators for ease of use
- 1 Year Standard Warranty

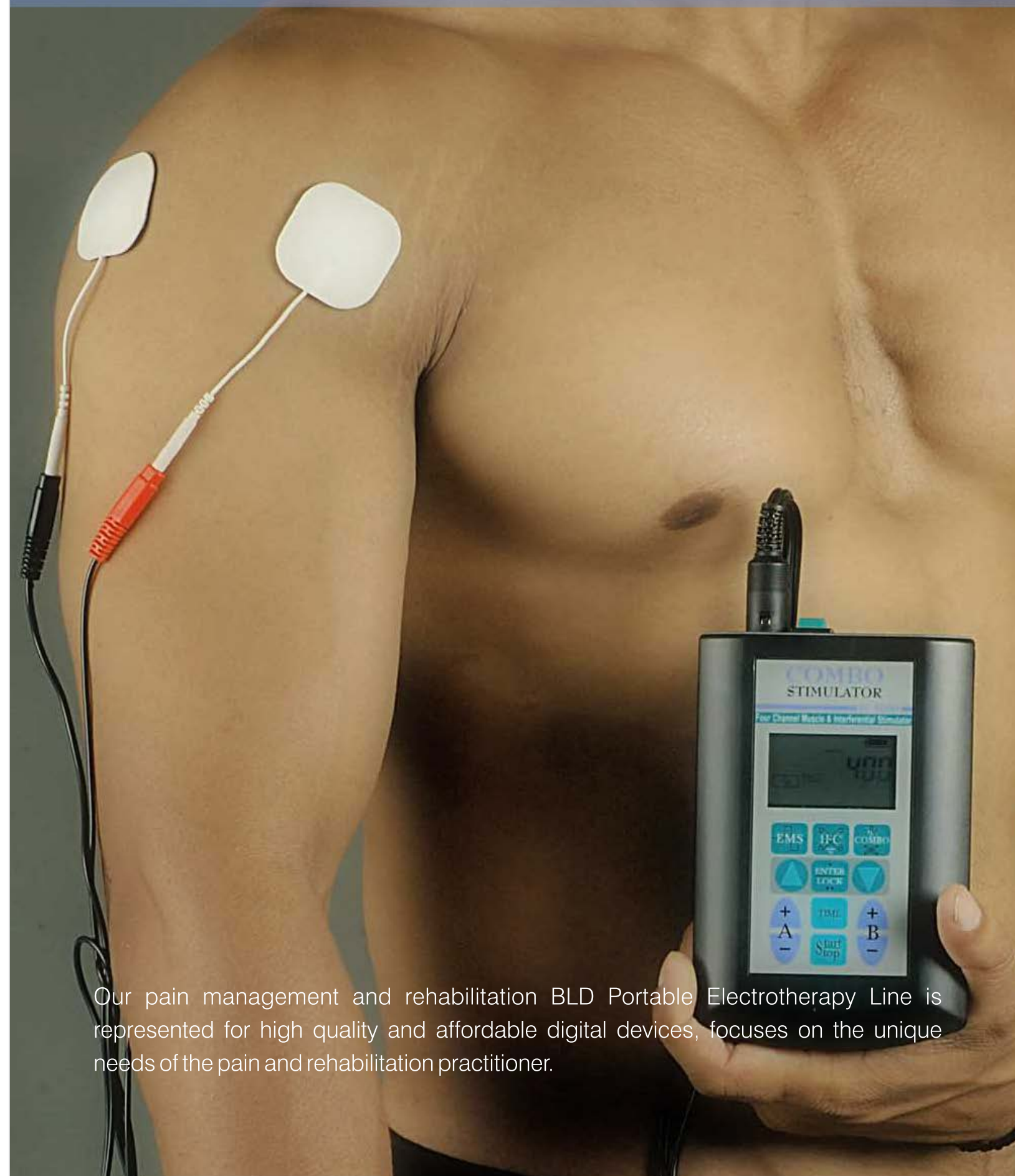
### ORDERING INFORMATION

Part No.	Accessory
42821AT001	Cervical Collar
42821AT002	Cervical Harness
42821AT003	Chest Belt
42821AT004	Ankle Belt
42821AT005	Pelvic Belt
42821AT006	Wall Mounting Clamp
42821AT007	L-Shaped Metal Plates
42811112DT	Instruction Manual
	Patient Switch

### TECHNICAL SPECIFICATION

- Mode : Intermittent & Cont.
- Traction Force: 0-45-90 Kgs
- Hold Time: 5-90 Sec in step of 5 sec
- Rest Time: 5-90 Sec in step of 5 sec
- Treatment Time: 5-60 Min
- Power: 110 ~ 220 V
- Electrical Type: TYPE BF
- Shipping Weight: 16 Kg
- Shipping Dimensions: 46x38x36 cm

## Electrotherapy in Hand



Our pain management and rehabilitation BLD Portable Electrotherapy Line is represented for high quality and affordable digital devices, focuses on the unique needs of the pain and rehabilitation practitioner.



## RELAXI TNS

### TENS & CES STIMULATOR

RelaxiTNS™, the US FDA cleared device, provides dual therapy to tackle pain and stress through two medically proven waveforms TENS and CES. TENS for symptomatic relief and management of chronic intractable pain and/or as an adjunctive treatment in the management of post-traumatic and post-surgical acute pain. CES for the treatment of insomnia, depression, stress management, and anxiety.



Referral Device for Following Conditions



Insomnia



Pain Management



De-Stress

Because every pain brings Stress

### Waveforms



Symmetrical Biphasic square wave



Asymmetrical Biphasic square wave

### SPECIAL FEATURES

- Blue 7 Segment Display
- Portable, light & table top model
- Simultaneous treatment of Pain & Stress

### ORDERING INFORMATION

Part No.	Accessory
VL4545	Adhesive Electrodes
2000440-004	Lead Wire
4280901223	AC Cord
	Instruction Manual

### TECHNICAL SPECIFICATION

- No. of channels : Three through two outputs
- Treatment Time : Selectable from 0 to 60 minute
- Power Source : 90-250 VAC, 50/60Hz

#### TENS:

- Waveform : Asymmetrical Biphasic square wave
- Out put Voltage : 110Vp @ 1 kilo ohm load
- Pulse width : Selectable from 100μS to 250 μS
- Pulse rate : Selectable from 1 to 150 Hz.

#### CES:

- Waveform : Symmetrical Biphasic square wave
- Out put Voltage : 15Vp @ 500 ohm load
- Pulse width : 500μS fixed
- Pulse rate : 100 Hz fixed

## COMBO STIM IF-5000

### 4CH IF, EMS, RUSSIAN & COMBO STIMULATOR

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.

### Waveforms



EMS/ RUSSIAN



IFT



Sequential



### SPECIAL FEATURES

- Digital combo stimulator
- Digital Display
- ABS molded beautiful design
- Compliance timer / Compliance number
- Battery operated
- Lock Key: Saves selected treatment parameters for EMS, Russian, IFT & Combo

### ORDERING INFORMATION

Part No.	Accessory
42808CB000	Waist Bag
42611IF5000	Lead Wire
44811CB06	Instruction Manual
4481190001	Warranty Card

### TECHNICAL SPECIFICATION

- 4 Channels 2 Outputs
- Waveforms: Sine Wave & Symm. Bi-Phasic
- Modes: EMS, IFT, Russian, Interferential and Sequencing (combo)
- Frequency:
  - Interferential (IFT) Carrier: 5000 Hz.
  - Sweep: 1-10 Hz. (Low), 80-150 Hz. (High), 1-250 Hz. (Wide), 10-200 Hz. (Fixed)
  - EMS : 1-150 Hz.
  - Russian : 2500 Hz. (Carrier) / 50 Hz. (Beat)]
- Pulse Width: 50-400 μS
- Ramp Up/Down: 1-9 Sec.
- Contraction / Relaxation Time: 1-30 / 0-30 Sec.
- Output Voltage: 50 V peak to peak on 500 Ω load
- Output Current: 100mA peak to peak on 500 Ω load
- Treatment Time: 1-60 Min
- Combo Sequential Timer: 1-30 Min
- Power: 4X 1.2V NiMh AA Rechargeable batteries
- Electrical Type: TYPE BF

## BLD STIM<sup>3</sup>

### 2/4 CH IF, TENS, EMS & RUSSIAN STIMULATOR

The BLD Stim3 series 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 BLD Stim3 provides two/four channels, delivering four treatments from a single unit.



### WAVEFORMS



4 Pole Interferential (IFT)



RUSSIAN/ EMS



TENS (Conventional, Burst, Modulation)

### SPECIAL FEATURES

- Matrix LCD Display
- Intensity Controls For Each Channel
- Low Battery Indicator
- Treatment Lock-Out
- Compliance Monitor
- Lock Key: Saves the selected treatment parameters and locks out any other input
- 1 Year Standard Warranty

### ORDERING INFORMATION

Part No.	Accessory
44811BLDSTIM3	Instruction Manual
VI4545	Self Adhesive Electrode
42808TNBL05	Oval Black Bag
42611IF5000	Lead Wire
4481190001	Warranty Card
KSAS0100550150	Adaptor 5.5V 1.5Amp

### TECHNICAL SPECIFICATION

- 2/4 separate channels 4/8 Electrodes
- Waveforms: Sine Wave & Symm. Bi-Phasic Square Wave
- Modes:  
Interferential: IF LOW, IF HIGH, IF WIDE & IF FIXED  
TENS: Conventional, Burst and Modulation  
EMS: Conventional and Russian
- Frequency:  
Interferential (IFT) Carrier: 5000 Hz.  
Sweep: 1-10 Hz. (Low), 80-150 Hz. (High), 1-250 Hz. (Wide), 10-200 Hz. (Fixed)  
EMS/TENS : 1-150 Hz  
Russian: 2500 Hz. (Carrier) / 50 Hz. (Beat)
- Pulse Width 50-250 $\mu$ S (TENS) ; 200-450  $\mu$ S (EMS)
- Ramp Up/Down: 1-10 Sec.
- Contraction / Relaxation Time: 1-30 Sec.
- Output Voltage: 50 V pp
- Treatment Time: 1-60 Min.
- Power: 1.2x4 AA Battery / 5.5 V Adaptor
- Electrical Type: TYPE BF

## BLD IF4250D

### 2CH IFT & EMS SEQUENTIAL STIMULATOR

The model BLD IF4250D is used to treat symptomatic relief and management of chronic pain and/or as adjunctive treatment in the management of post-surgical and post-traumatic acute pain. The device produces beat frequency in the range 1-250 Hz. The BLD IF4250D delivers very precise and repeatable Interferential therapy. It is engineered with an ultra low power microcontroller for precision, safety, durability and reliability.



### WAVEFORMS



Interferential  
• Quadri Polar/ Premod



EMS



Sequential

### SPECIAL FEATURES

- Large LCD Display
- Soft touch keys for easy selections
- 6 Preset and 1 fully customized program
- Vector scanning
- Low Battery Indicator
- Metal Belt Clip
- Save last treatment parameters
- 1 Year Standard Warranty

### ORDERING INFORMATION

Part No.	Accessory
44811 IF 4250	Instruction Manual
4280811001	Bag Pouch
2MM41611P1-2	Lead Wire Electrode 2mm
AK01G-0900060U	Switching Adaptor 9V 600mA
VI4545	Self Adhesive Electrode
	9 Volt DC Adaptor

### TECHNICAL SPECIFICATION

- 2 Channel, 4 electrodes
- Waveforms: Symm. Bi-Phasic Square Wave
- Modes: IFT, EMS & Sequential
- Frequency:  
IFT: 4000 Hz Carrier Frequency  
Selectable Sweep or Shift 1 to 400 Hz  
EMS: 70 Hz
- Output Voltage : 0 – 30V Peak-to-Peak
- Treatment Time: 1-30 Min. or Continuous
- Power: 9V DC
- Electrical Type: TYPE BF



## STIMTEC 4/ 2

### 2 CH TENS-EMS-IF-RUSSIAN STIMULATOR

StimTec Electrical Stimulator is a portable electrotherapy device featuring four Therapeutics modes: TENS, EMS, INTERFERENTIAL & RUSSIAN which are used for pain relief and electrical muscle stimulation. The stimulator sends gentle electrical current to underlying nerves and muscle group via electrodes applied on the skin. The parameters of the device are controlled by press buttons. Its intensity level is adjustable according to the needs of patients.

#### Waveforms



Mono-phase square pulse



Symmetrical biphasic square pulse



4 Pole Interferential (IFT)



RUSSIAN

#### SPECIAL FEATURES

- Combination of TENS, EMS, IF & Russian
- Preset programs
- Automatically countdown treatment time
- Backlit illumination
- LCD Display
- Battery Operated/ Adaptor
- Low Battery Indicator
- 1 Year Standard Warranty

#### ORDERING INFORMATION

Part No.	Accessory
418081TECH	Carrying Case ST2
6F22-9V	Battery Carbon 9V (Hi-Watt)
44811ST2	Instruction Manual
2MM41611P1-2	Lead Wire Electrode 2mm 9 Volt DC Adaptor

Available models:

StimTec2  
(TENS+EMS)

StimTec4  
(TENS+EMS+  
IF+RUS)



#### TECHNICAL SPECIFICATION

- 2 Channel / 4 Electrodes
- Waveform:
  - TENS/EMS: Mono-phase square pulse
  - IF/RUS: Symmetrical biphasic square pulse
- Modes:
  - IF: P1-P4 (Pulse Rate Modulation)
  - TENS: Burst, Normal, PW/PR Modulation
  - EMS: Synchronous, Alternate, Delay
  - Russian
- Frequency:
  - Interferential (IFT) Carrier: 4000 Hz. ; Sweep: 1-150 Hz.
  - TENS/EMS: 1-150 Hz.
  - Russian: 2500 Hz. (Carrier) / 50 Hz. (Beat)
- Pulse Width 50-300 $\mu$ S (TENS/EMS)
- Contraction / Relaxation Time: 1-30 Sec. / 0-60 Sec.
- Ramp: 1-6 Sec.
- Output Current: 100mA (TENS/EMS), 70mA (IF/RUS)
- Treatment Time: 1 - 60 min.
- Power: 9 V Battery

## ORTHOSTIM

### 2 CH TENS & HIGH VOLT STIMULATOR



Monophasic Twin Peak Pulse



Symmetrical Biphasic Square Pulse

#### TECHNICAL SPECIFICATION

- 2 Channel / 4 Electrodes
- Waveform: Twin Peak Pulse Symmetrical bi-phase square pulse wave
- Modes: TENS, High Volt
- Frequency
  - TENS : 95Hz for 30min then 80Hz for 30 min
  - High Volt : 75Hz - 85Hz x 4 cycle per 7 hour
- Output Current: TENS : 40 V Peak to Peak High Volt : 16 ~18 V Peak
- Power: 4X AAA Alkaline



## BLD DUAL-STIM

### 4CH EMS / TENS STIMULATOR



Symmetrical biphasic square pulse

#### TECHNICAL SPECIFICATION

- 4 Channel / 8 Electrodes
- Modes:
  - TENS : Burst, Modulation & Conventional
  - EMS: Conventional, Synchronous & Alternate
- Pulse width: 50-250  $\mu$ S (TENS), 250-400  $\mu$ S (EMS)
- Pulse rate: 1-120 Hz,
- Ramp UP/DOWN: 1-9 seconds
- Contraction/Relaxation time: 1-30 Sec
- Output Voltage: 40Vpp
- Treatment Time: 1 - 60 min.
- Power: 9 V DC Adaptor
- Electrical Type: TYPE BF



## BLD T250

### 2CH TENS STIMULATOR

- Insolated Dual Channel
- Low Battery Indicator
- Belt Clip to Hang
- Lightweight

#### TECHNICAL SPECIFICATION

- 2 Channel, 4 Electrodes
- Waveform: Asymmetrical Biphasic Square Wave
- Three selectable modes: Conventional, Burst, Modulation
- Adjustable Frequency : 2 to 150 Hz
- Adjustable pulse width :  $40\mu s$  to  $260\mu s$
- Output Voltage : 0–48V Peak-to-Peak
- Treatment Time : 30, 60 Min & Continuous
- Power: 9 V DC
- Electrical Type: TYPE BF



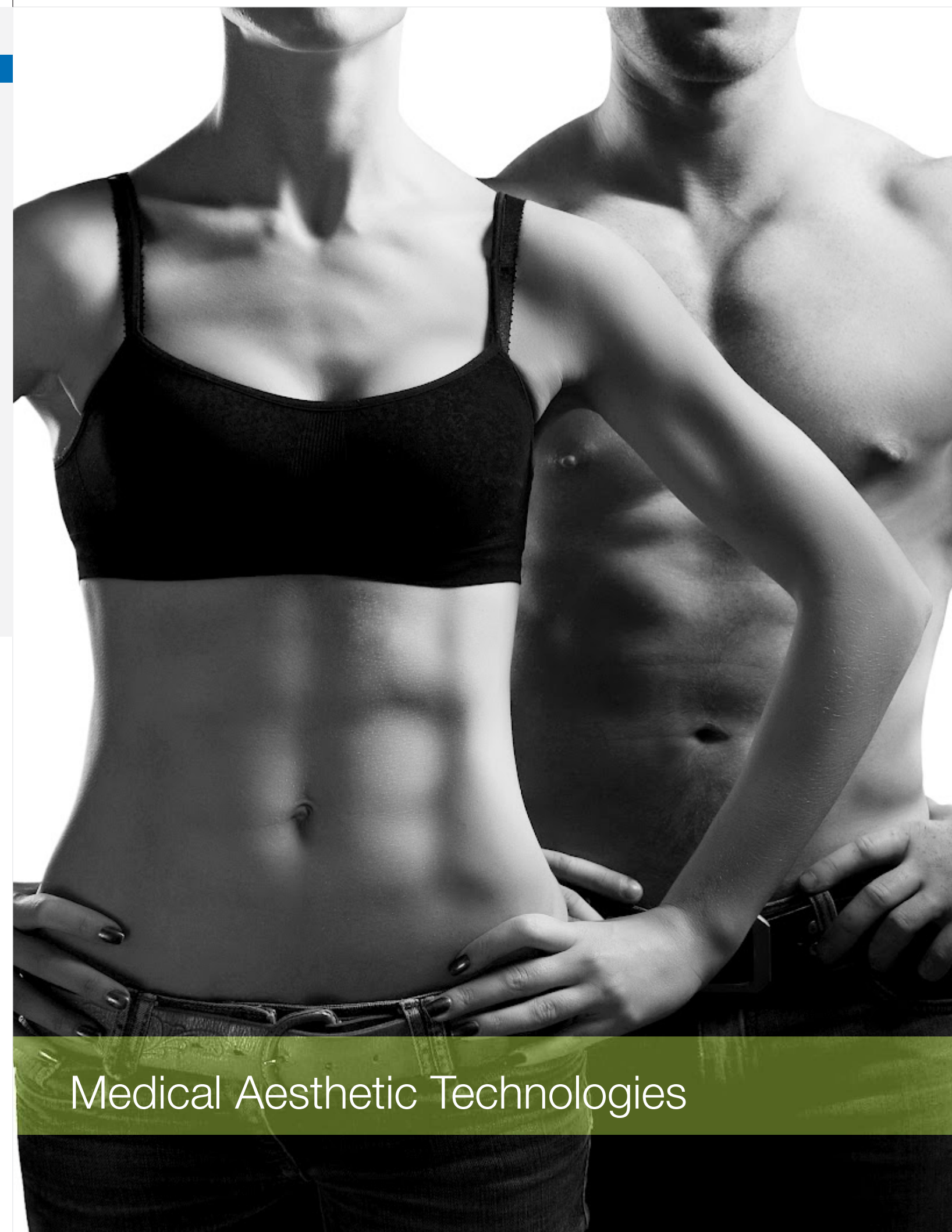
## BLD R2500

### 2CH RUSSIAN STIMULATOR

- Insolated Dual Channel
- Low Battery Indicator
- Belt Clip to Hang
- Lightweight

#### TECHNICAL SPECIFICATION

- 2 Channels Isolated
- Waveform: Symmetrical Biphasic Square
- Frequency : Carrier 2500 Hz, Beat 50 Hz
- Difference Frequency : 1-70 Hz
- Pulse Width: 200 microseconds
- Ramp Up/Down: 2 Seconds
- Contraction/Relaxation Time: Cont.10/10, 20/20, 45/45 Sec.
- Power output: 28V peak to peak in both modes (bipolar & quad-polar)
- Power: 9V DC / AC Adaptor



Medical Aesthetic Technologies



# Hi-Lipo contour

US FDA Approved 3 in 1 Pre Programmed  
Bio-Stimulation Technology

J-8440



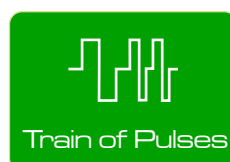
Intuitive  
Touch Screen



Strong &  
Comfortable  
Stimulation



3D Penetration



Toning & Firming



*Safe, Effective, Painless & Non-Invasive*

Hi-Lipo contour gives the most precisely- designed treatment for complete slimming. Treatment includes special waveforms for deep and precise penetration to break adipose tissues. Hi-Lipo contour Bio-Stim Therapy is very comfortable and reaches deeper layers of the body where stubborn fats get accumulated. It can be easily provided in conjunction with the regular exercise or treatment regimen to achieve the perfectly contoured body.

## APPLICATIONS

- Circumferential Reduction
- Skin Tightening
- Fat Loss
- Selective Firming of specific and most difficult body portions i.e. buttocks, abdomen and thighs

## TECHNICAL SPECIFICATION

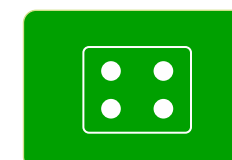
- Channels : 8 Ch/16 Pads
- Waveform : Symm. Sine wave & Biphasic wave
- Frequency : 40 - 4000Hz
- Output : 80V (Bio-Stim)
- Timer : Selectable 30, 45 Minutes and Continuous.

## SPECIAL FEATURES

- LCD Touch Screen for easy operations.
- Classic vector for immediate inch loss.
- Power Sequence for Toning of muscles.
- Proprietary Waveforms
- Fast, Intensified and Long Lasting Results
- Increase Metabolism & Energy
- Pre-Programed Protocols
- Modes : Sculpt, Lift & Tone, Strengthen

# Hi-Lipo Detox

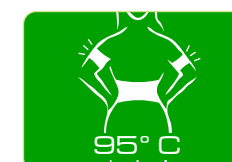
Combo : Deep Heat & Vacuum Therapy



MKB Panel  
Operationals



High Pressure  
Digital Vacuum



3 Heat Pads  
5 Heat Levels



*Safe, Effective, Painless & Non-Invasive*

Hi-Lipo sculpt is smart, sturdy, lightweight ABS constructed body, is one of the most advanced and convenient infrared deep heat therapy systems of these times. Heat therapy can create heat 2 inch or more below the skin surface into tissues and muscles which stimulates the body's metabolism in specific areas to burn targeted fat cells. Vacuum simulates the manual cupping movement of massage which helps to mobilize and break down the excessive, accumulated stubborn adipose tissues.

## APPLICATIONS

- Reducing the cellulite
- Weight loss when combined with diet, exercise and other body treatment
- Stimulating the metabolism
- Movement of the lymph fluid
- Aiding the removal of toxins and waste products
- Increased level of oxygen in cells
- Provides penetrating warmth
- Improves muscle tone and strength
- Increases energy levels
- Reduces toxins, fatty acid & lactic acid build-up in the muscle tissue

## SPECIAL FEATURES

- To Maximize depth of Frequency
- Shrink Fat Cell Volume
- Enhance Blood Circulation
- Lymphatic Drainage & Detox
- Deeper Tissue Penetration

## TECHNICAL SPECIFICATION

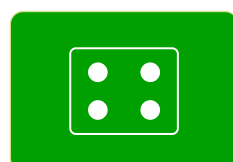
- Channel : 4 (3 Deep Heat, 1 Vacuum)
- Modes : Deep Heat : L1 - L5  
Vacuum : Continuous
- Vacuum Pressure : 20 Hg Max
- Temperature : 95°C Max



Safe, Effective, Painless & Non-Invasive

J-8040

### ULTRASOUND CAVITATION



MKB Panel  
Operationals



Ultrasound  
Cavitation



Large Cavitation  
Head



Hi-Lipo Cavi is the fast and non-surgical type of lipo-suction that is becoming very popular today. It uses 40KHz frequency sound waves that depletes stubborn fat cells under the skin. Ultrasonic help you to reshape your body and help you get your confidence back. Ultrasonic treatments are a non-invasive treatment, If you have a stubborn area of fat, maybe on your thighs, stomach or buttocks, then Ultrasound cavitation is the best option for you. Many of our customers have seen improvements shown by measurement after 2-3 Ultrasound cavitation treatment session.

### APPLICATIONS

- Cellulite dissolution and elimination.
- Flatten the tummy.
- Increase in metabolism circulation.
- Body reshaping.
- Comfortable Weight loss treatment.

### TECHNICAL SPECIFICATION

- Output: 1 (Ultrasound Cavitation)
- Modes : Continuous and Pulse
- Frequency : 40 KHz

### SPECIAL FEATURES

- Advanced Ultrasound cavitation therapy.
- MKB Panel for easy operations.
- Intense Vibration for inner explosion in fat tissues.
- Natural Break Down of stubborn Fat cells
- Visible Results of Cellulite Reduction

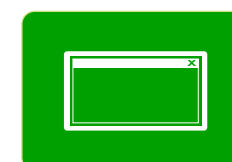
- Power Output : 50 watts
- Timer : 30, 45 & Continuous.

## Ultra BEAUTY The Anti Aging Device

### MICRO-CURRENT & ULTRASOUND COMBO



Intuitive  
Touch Screen



Preprogrammed Application  
and Sequencing



Ultrasound for  
Skin Rejuvenation



Ultra Beauty is US FDA OTC cleared beauty device which uses innovative & unique combination of the proven waveforms with experience and expertise to converge technology into Complete Beauty Experience. From anti-ageing to skin lifting and toning, Ultra Beauty is a one-stop solution to your skin. The equipment is pre-programmed utilizing various current and therapies (Micro-current, Ultrasound) to ease the use and for best results. Protocol driven 4 treatment programs can be selected to reach ultimate beauty.

### APPLICATIONS

- Skin & Anti-Aging Therapy
- Wrinkle Removal
- Face Lifting
- Skin Toning
- Increases Moisture Retention
- Improves Facial Circulation
- Reduces Skin Pigmentation And Skin Acne
- Reduce Stress, Anxiety, Depression and Insomnia along with beauty treatment

### SPECIAL FEATURES

- Colour touch screen controls
- Intensity controller
- Ultrasound applicator
- Dual Tip Applicator for Micro-current & Faradic
- Portable, light and easy to carry anywhere

### TECHNICAL SPECIFICATION

- Channels : 2 (Bio-Stim), 1 Ultrasound
- Modes 4 Programs : Face Lift, Rejuvenation, Wrinkle Reduction, Toning & Tightening
- Waveform : Synergic, RAMP, Square, Rectangular Symm. Bi-phasic
- Frequency : 0.625Hz - 300 Hz (BioStim) 1 MHz (Ultrasound)
- Max Output : 500μA (BioStim), 3 W/cm<sup>2</sup>
- Timer : 1 - 60 Minutes



## DERMA LITE<sup>+</sup>

EXFOLIATE THROUGH DIAMOND TIP  
MICRODERMABRASION



7 Colour LED  
Photon Therapy



Dual Ultrasound Head



9 Types of Diamond  
Crystals Heads



Derma Lite+ relies on suction in combination with the diamond tips to exfoliate the skin. With different suction levels, the Derma Lite+ has the added benefit of stimulating the production of collagen production and increasing blood flow to the skin. Derma Lite+ is able to offer fast improvements for skin concerns such as fine lines, wrinkles, stretch marks, acne scars and uneven skin tone. However, most clients after the first session notice that the skin will appear fresher, cleaner, smoother and softer.



### DIAMOND MICRODERMABRASION

Diamond Microdermabrasion using sterile diamond heads to abrade or rub off the top skin layer, then vacuuming out the particles along with any dirt and dead skin back up.



### ULTRASOUND THERAPY

The ultrasonic wave stimulate skin tissues and improve permeability of the membrane to promote collagen tissue, reduced wrinkle and invisible appeared fine line, also lift the skin results in younger and healthy look.



### LED PHOTON THERAPY

LED Photon therapy is a form of light therapy that uses one or more different colors of light. The light - either Red, Blue, Green, Purple, Orange, Turquoise and Yellow- activates the skin's photoreceptors.

### ACCESSORIES

- 9 Types of Diamond Crystal
- 2 Stainless steel wands
- Ultrasonic heads
  - Flat
  - Tipped
- Ultrasonic Skin Scrubber
- 7 colour LED Probe



## HI-LIPO UltraSlim 8040

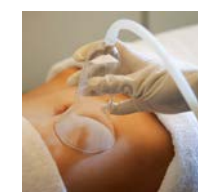
A UNIQUE COMBINATION AND SOLUTION FOR EVERY BODY ... REFINE, SCULPT, FIRM, RESHAPE, NOURISH, RESHAPE & DE-STRESS

The most advanced equipment for cellulite, body contouring, e-yoga and micro massage. The skin's underlying network of collagen and elastin fibers is gently heated. This action causes the fibers to shrink, restoring the skin's elasticity. Heating of subcutaneous tissue layer builds collagen fibers that strengthens the dermis against the invasion of adipocytes and stimulates lipolysis to shrink fat cell volume, at the same time enhancing blood circulation throughout the treatment area.

Incorporating vacuum therapy ensures maximum depth of the frequency, enabling fast & effective treatments. It facilitates deeper tissue penetration for effective cellulite treatment, circumferential reduction and skin tightening at the same time. Hi-Lipo UltraSlim has unique CES program to take the clients into a whole new world new world of peace and relaxation.



Pre-Programed  
Bio Stim



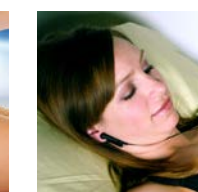
Vacuum



Deep Heat



Ultrasound  
Cavitaion



E-Yoga

### SPECIAL FEATURES

- Coloured touch screen TFT LCD along with display guide
- Pre-programmed applications for body & mind
- Independent outputs for multiple programs
- Slim & sleek floor model
- Sturdy wheels to move around
- Preset programs for various therapies

### APPLICATIONS

- The Most Advanced Equipment for Cellulite Reduction
- BODY CONTOURING :  
Slimming, Tightening, Toning, Lifting, Firming & Shaping
- STRESS RELIEF
- MICRO-MASSAGE

### TECHNICAL SPECIFICATION

- Channels : 12  
(7 Ch. Stim, 1Ch. Ultrasound, 1Ch. Vacuum & 3Ch. Deep Heat)
  - Frequency : 5000 Hz, 40 KHz,
  - Waveforms : True Sine Wave, Symm. Biphasic
  - Modes : Body Therapy  
(Cellulite & Body Contouring)
- |           |            |        |
|-----------|------------|--------|
| Deep Heat | E-Massage  | E-yoga |
| Vacuum    | Ultrasound |        |

**Ideal for Dermatologist, Medical Aestheticians, Post Bariatric Surgery Procedure**

## HAIRLASE LX-50

### 'SOFT' LASER HAIR THERAPY FOR SAFE AND NATURAL HAIR RE-GROWTH

Revolutionary hair re-growth, fuller, thicker & more hair with healthier scalp.

The laser hair therapy program features the new Hairlase LX50, a class 3R 'soft' therapeutic laser, the most powerful cosmetic laser, currently in the market. This program is nature's path to the appearance of fuller, thicker & healthier hair for both men & women.



Intuitive  
Touch Screen



Class 3R  
690nm Soft Laser

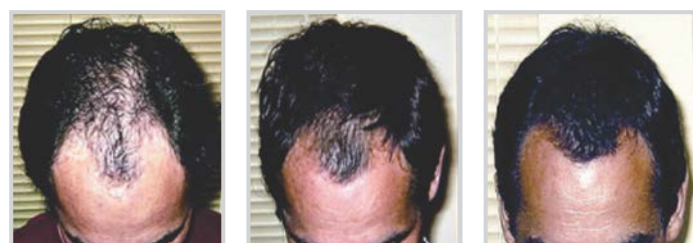
### SPECIAL FEATURES

- Soft touch LCD for function
- 50 Glass diode laser-modules
- Oscillating hood
- Sleek Portable design
- Utility arm with tray

### CLINICAL PROVEN RESULTS



Before After 20 Week After 30 Week



Before After 20 Week After 30 Week



### TECHNICAL SPECIFICATION

- 50 class 3 soft laser led.
- 5.7" Intuitive Touch Screen
- Computer controlled device

### APPLICATIONS

- A substantial decrease in Hair Fallout.
- Increased speed of hair Re-growth.
- More manageability of the Hair.
- Overall better quality and condition of Hair.

## Private Labeling



Johari Digital has established full capabilities and certificates to provide private label medical devices services for their vast medical device technologies, platforms and ready to distribute medical devices.

We take full responsibility for our design and manufactured devices, platforms and technologies to be compliant with all regulatory standards such as CE, UL, FDA. We also issue the Declaration of Conformity and obtain the CE marking for the device as the manufacturer. We also provide customization service for our products so that it can fit as per your requirements.

### Private Label Medical Devices

Our complete line of private label medical devices was created to be safe, effective and compliant. Scientists, inventors, physicians and medical institutions have benefited from having their own medical devices with their branding and profits with out the hassle of design, development, documentation and regulatory requirements that stop most companies in their tracks.

Not with Johari. With Johari and their over 30 years of expertise with US, Canadian, Asian and European regulatory associations you can rest assured that all the research trial and errors have already been done for you. With complete documentation.

### Private Label Medical Device Rights of Use:

With all of the private label medical devices manufactured by Johari Digital, you own the complete rights to brand, market and sell as you wish. Unlike with Resell-Devices, with private label medical devices you can alter and modify the product to meet your needs or market your new branded medical device out of the box.

Choose from various designs and complete computer controlled customized softwares.

	TENS	IFT	EMS	Russian	<b>Displays</b> <ul style="list-style-type: none"> <li>• Color Touch Screen</li> <li>• Color LCD Display</li> <li>• Monochrome LCD</li> <li>• Alpha-Numeric</li> <li>• Seven Segment</li> <li>• Customized LCD</li> </ul> <b>Interface</b> <ul style="list-style-type: none"> <li>• MKB</li> <li>• Tact Switches</li> <li>• Virtual Keys</li> </ul> <b>Comminucation</b> <ul style="list-style-type: none"> <li>• Bluetooth &amp; Wi-Fi</li> <li>• Radio Frequency</li> <li>• Audio</li> </ul>	<b>Packaging</b> <ul style="list-style-type: none"> <li>Customized Panels</li> <li>Custom GUI</li> <li>User Manuals</li> <li>Quick References</li> <li>Serial Stickers</li> <li>Warranty Cards</li> </ul>
	Galvanic	Micro Current	RF	Ultra Sound		
	High Volt	CES	Diodynamic	Therapeutic Laser		
	Aesthetic Laser	Deep Heat	Micro Derma	Vacuum		
Medical Plastic Enclosures	Modalities To Choose From				Features to Select	Labeling

## PARTNERING WITH GLOBAL BIG BRANDS