

# Comfy STIM PLUS

with 24 Preset Programs

## Features

- Dual channel (4-lead) digital TENS/EMS
- 24 Preset Programs
- 5 TENS Modes (Normal, Burst, Modulated Rate & Width, SD1, SD2)
- 2 EMS Modes (Simultaneous, Alternating)
- High-tech design with metallic finish and LCD display
- Stronger 100 mA amplitude
- Treatment timer (1-60 minutes or Continuous)
- Last setting recall
- Compliance monitor
- Low Battery power indicator
- Hinged protective cap for intensity dials
- Heavy duty metal belt clip
- 3-year warranty



## System Includes:

1 pkg of 4 Reusable Electrodes,  
1 set 43" pin Leadwires, 1 9V Battery  
Carrying Case, Instruction Manual

## Technical Specifications

- **Channels:** Dual, isolated between channels
- **Wave Form:** Asymmetrical Biphasic Square Pulse
- **Amplitude:** 0-100 mA (peak to peak into 500 ohm load each channel)
- **Output Voltage:** 0 to 50V (500 ohm load)
- **24 Preset Programs** (details on back page)
- **Modes:** 5 TENS Modes: B (Burst), N (Normal), M (50% Modulated Rate & Width), S1 (40% Modulated Intensity & Width), S2 (70% Modulated Intensity & Width) 2 EMS Modes: S (Synchronous), A (Alternating)
- **Pulse Rate (Frequency):** 2 - 150 Hz, 1 Hz/step
- **Pulse Width (Duration):** 50 - 300 microseconds ( $\mu$ s), 10  $\mu$ s/step
- **Contraction (On) Time:** 2 - 90 seconds, 1 sec/step
- **Relaxation (Off) Time:** 0 - 90 seconds, 1 sec/step
- **Ramp Up/Down Time:** 1 - 8 seconds, 1 sec/step (The "On" time will increase and decrease in the setting value)
- **Treatment Timer:** 1 - 60 minutes or Continuous (C)
- **Compliance Usage Meter:** Records up to 60 sessions, up to 999 hours
- **Low Battery Indicator:** Battery symbol appears when power is low
- **Power Supply:** One 9 Volt Battery
- **Size:** 4" (L) x 2.4" (W) x 1" (D)
- **Weight:** 5.2 oz. with battery



**TENS Rx**  
Your Real Time Healthcare Solution  
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# Preset Guide



## Preset Programs of TENS (P1 - P12)

Program #		Pulse Rate (Hz)	Pulse Width (µs)	Timer (min.)	Conditions
1	<b>Conventional TENS</b> Ideal for first application of TENS for both acute & long term pain.	80	180	Continuous	Neck Pain, Shoulder Pain, Elbow Pain, Rheumatic Pain, Lumbago, Menstrual Pain, Hip Pain, Osteoarthritic Pain in the Knee
2	<b>Burst TENS</b> Most effective for radiating pain in arms, legs and deep muscular pain.	2	180	Continuous	Osteoarthritic Pain in the Knee, Sciatica Central Pain
3	<b>Modulated TENS</b> Pain relief with a massage effect	80	70-180	Continuous	Neck Pain, Shoulder Pain, Elbow Pain, Rheumatic Pain, Lumbago, Menstrual Pain, Hip Pain, Osteoarthritic Pain in the Knee
4	<b>Mixed Frequency TENS</b> Alternates between 2 low rates.	15/2	180	Continuous	Osteoarthritic Pain in the Knee, Neck Pain, Shoulder Pain, Menstrual Pain, Central Pain Lumbago
5	<b>Mixed Frequency TENS</b> Effective programs for long term use with a reduced accommodation factor, alternates between high rate and low rate	80/2	180	Continuous	Osteoarthritic Pain in the Knee, Neck Pain, Shoulder Pain, Menstrual Pain, Central Pain Lumbago
6	<b>Nausea</b> Specifically for the treatment of nausea, treatment most successful placing electrode over acupuncture point C6.	10	180	Continuous	Nausea
7	<b>Migrane/Headaches</b> Reduced pulse width ideal for treating nerve rich areas.	80	60	Continuous	Tension Type Headache, Facial Pain, Neck Pain, Postherpetic Neuralgia
8	<b>Low Frequency Modulation</b> 70% rate modulation over 10 seconds	10	200	Continuous	Neck Pain, Shoulder Pain, Elbow Pain, Rheumatic Pain, Lumbago, Menstrual Pain, Hip Pain, Osteoarthritic Pain in the Knee
9	<b>Frequency &amp; Width Modulation</b> 90% rate & width modulation over 10 seconds.	50	250	Continuous	Neck Pain, Shoulder Pain, Elbow Pain, Rheumatic Pain, Lumbago, Menstrual Pain, Hip Pain, Osteoarthritic Pain in the Knee
10	<b>Frequency Sweep Mode</b> Sequential modulation of frequency to prevent stimulus accommodation.	5-125	120	Continuous	For all types of pain conditions
11	<b>Frequency &amp; Width Modulation</b> Modulation Rate & Width over 6 seconds	2-100	150-260	Continuous	Neck Pain, Shoulder Pain, Elbow Pain, Rheumatic Pain, Lumbago, Menstrual Pain, Hip Pain, Osteoarthritic Pain in the Knee
12	<b>Frequency Modulation</b> Modulation Rate over 6 seconds.	7-80	260	Continuous	Neck Pain, Shoulder Pain, Elbow Pain, Rheumatic Pain, Lumbago, Menstrual Pain, Hip Pain, Osteoarthritic Pain in the Knee

## Preset Programs of EMS (P13 - P24)

Program #		SYN/ALT	Pulse Rate (Hz)	Pulse Width (µs)	On Time (sec.)	Off Time (sec.)	Ramp (sec.)	Timer (sec.)
13	<b>ACL repair/joint protection back muscle</b>	SYNCHRONOUS	35	300	8	24	3	20
14	<b>Spasm small muscle</b>	SYNCHRONOUS	80	300	10	5	3	20
15	<b>Spasm Postoperative</b>	SYNCHRONOUS	80	250	8	4	2	20
16	<b>Arthroscopy</b>	SYNCHRONOUS	25	200	6	30	2	15
17	<b>Disuse Atrophy</b>	SYNCHRONOUS	35	300	5	15	2	30
18	<b>Shoulder Subluxation</b>	SYNCHRONOUS	50	300	15	50	5	15
19	<b>Range of motion muscle re-education of hips</b>	SYNCHRONOUS	40	250	3	21	3	30
20	<b>Muscle Training</b>	SYNCHRONOUS	50	250	10	10	2	20
21	<b>Muscle Training</b>	SYNCHRONOUS	50	250	14	14	2	20
22	<b>Muscle Training</b>	SYNCHRONOUS	35	400	10	10	2	20
23	<b>Muscle Training</b>	ALTERNATING	50	250	10	10	2	20
24	<b>Muscle Training</b>	ALTERNATING	50	250	14	14	2	20