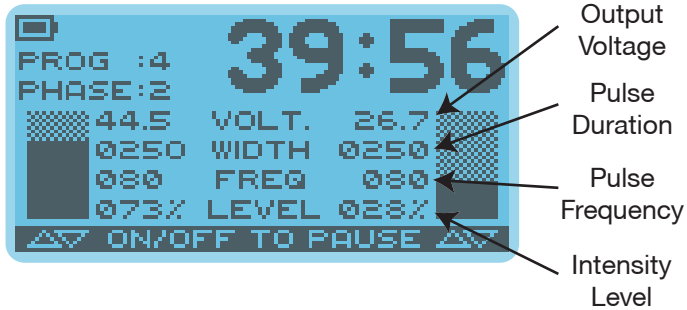


LARGE DISPLAY WITH DETAILED INFORMATION



TECHNICAL SPECIFICATION

Waveforms	The waveforms are monophasic rectangular, voltage regulated
Parameters	The parameters (pulse rate, pulse duration, stimulation time, rest time) are optimized for each program
Pulse duration	Maximal pulse 1000 μ s (depending on program)
Pulse frequency range	1 - 120 Hz
Maximum output	50Volt \pm 10%
Channels	2 independent, isolated channels with separate intensity control levels for each channel
Power supply	4 AAA batteries (Alkaline, NiCd or NiMh)
Battery life	20 hours at 100% intensity

SWISS_{STIM}[®] PHYSIO



15 Programs

2 independent, isolated channels with separate intensity control levels for each channel

The specific EMS indications include:

- Prevention or retardation of muscle disuse atrophy
- Relaxation of muscle spasms
- Increasing local blood circulation
- Muscle re-education
- Immediate post-surgical stimulation of calf muscles to prevent venous thrombosis
- Maintaining or improving range of motion of extremities

The specific TENS indications include:

- Symptomatic relief and management of chronic, intractable pain
- Adjunctive treatment for post-surgical and post-trauma acute pain

The SWISS_{STIM}[®] offers:

- Variable waveform to prevent accommodation and ensure efficient recruitment with each contraction cycle
- Better muscle building and spasticity management
- More efficient at stimulating partially denervated or significantly atrophied muscles

VALMED

SWISS TECHNOLOGY



For assistance and answers to questions please contact:

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TENS & EMS NEUROMUSCULAR STIMULATOR

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PROGRAM		DURATION
1	MULTI-TENS	20 min
2	AGILITY & POWER	90 min
3	INTENSIVE POWER	15 min
4	RELAXATION	28 min
5	RESISTANCE	45 min
6	STRENGTH	45 min
7	EXPLOSIVE STRENGTH	35 min
8	ENDURANCE	60 min
9	ACTIVE RECOVERY	24 min
10	POTENTIATION	04 min
11	1000 μ sec PULSE CONSTANT	28 min
12	1000 μ sec PULSE MODULATED	28 min
13	ALTERNATED LEFT/RIGHT 1sec	28 min
14	ALTERNATED LEFT/RIGHT 2sec	28 min
15	REHABILITATION	29 min
16	EXTERNAL TRIGGER	60 min

The **SWISS_{STIM}**[®] is intended for use by licensed health practitioners and patients under the care of licensed health professionals.

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SWISS_{STIM}[®] TRIGGER



16 Programs including:

- 15 programs from the **SWISS_{STIM}**[®] **PHYSIO**
- One additional program for the external trigger

2 independent, isolated channels with separate intensity control levels for each channel

TRIGGER SPECIFICATION

The trigger program offers three customizable parameters:

- 1) **FREQUENCY**: select the frequency in Hertz [Hz] of the train of impulses.
- 2) **PULSE WIDTH**: select the impulse width in microseconds [μ s].
- 3) **TRIGGER MODE**: select one of the three modes of operation:

- **INDEP**: the stimulation is activated independently on each channel. The right channel is activated by holding down the right button and the left channel is activated by holding down the left button.
- **SYNCH**: the stimulation is activated simultaneously on both channels regardless of the activated button.
- **ALTER**: the stimulation is activated alternately from one channel to the other every time a button is activated.

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TENS & EMS NEUROMUSCULAR STIMULATOR

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