

The NEW CombiStim XP Technology You Can Be Sure Of.



Technical Data:

- + Single-channel multi-functional device
- + 3 treatment methods. 7 programs
- + Automated presetting, also individually programmable by therapist
- + Clear LED display
- + Audio and visual feedback

Treatment:

- + Combined EMS Biofeedback unit with muscle and nerve stimulator. Intended for use in the rehabilitation of muscle atrophy.

Prog.	Frequency (Hz)	Pulse Duration (µS)	Stim Time	Bio-Trials
ETS	2 - 50	250	2 - 30 sec.	30 (2 - 99)
P+A	2 - 50	250	2 - 50 min.	10 (2 - 99)
EMG (Biofeedback)	-	-	N/A	10 (2 - 99)
EMS Muscle Strengthening	35	250	30 min.	
EMS Early Activation	10	250	30 min.	
EMS Muscle Toning/ Detoning	10/ 35	250	30 min.	
Customised Setting	2 - 50	50 - 300	2 - 50 min.	



Equipment:

- + CombiStim XP unit
- + CombiStim unit stand
- + 1 x 9V battery
- + 1 x dual lead
- + 1 x reference lead
- + 1 x therapist user manual
- + 1 x pack of 4 self-adhesive electrodes

Optional Accessories

- + Fibre optic PC interface kit
- + PC application software CD

Customer Careline:

- Rep. of Ireland: FREEPHONE 1800-511 511
- UK/ N. Ireland: LOCALL 0845 600 1332

CombiStim XP: Digital EMG / EMS Combination Unit



Clear, easy to read Display:

The user-friendly and clearly structured display provides information on:

- + Program selected
- + Treatment duration
- + Stimulation intensity
- + Current measured muscle activity
- + Patient voluntary contraction target
- + Treatment mode
- + Poor electrode contact
- + And much, much more...

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CombiStim XP is neurotech's latest device for the rehabilitation of muscle atrophy. Easy to use, flexible and very effective, CombiStim XP combines the benefits of Electrical Muscle Stimulation and Biofeedback in a single unit. Depending on the patient's specific needs, CombiStim XP can be used as a pure Biofeedback device, a pure Muscle Stimulator, or as a combined Biofeedback/ Muscle Stimulation device, which automatically contracts the patient's muscle upon the achievement of a preset voluntary contraction level. CombiStim XP has no unpleasant side effects and focuses on the strengthening and rehabilitation of atrophied muscles.

3 Treatment Options:

EMS (Electrical Muscle Stimulation)	By means of gentle electrical impulses, EMS recruits and contracts the muscles, thereby strengthening and training them.
EMG (Electromyography)	EMG is like an electronic personal coach, which monitors the strength and quality of your own voluntary muscle contractions and lets you know how you're doing via audio and visual (on-screen) feedback.
ETS (EMG-Triggered Stimulation)	ETS is the combination of both technologies. Here, the EMG measures the strength of the patient's own voluntary contraction and once a preset threshold level is reached, triggers a subsequent EMS-driven involuntary contraction.

7 Programmes:

CombiStim XP comes with 7 programs, including an open EMS program, where the clinician can choose and set desired stimulation parameters.

2 Combined Programs	ETS P+A (passive and active)
1 EMG Program	Biofeedback
4 EMS Programs	Muscle Strengthening Early Muscle Activation Muscle Toning/ Detoning Customised Settings