

CombiStim XP®, the 3 in 1 drug free answer to incontinence



CombiStim XP® is neurotech®'s latest device for the treatment of incontinence. Easy to use, flexible and very effective, CombiStim XP® combines the benefits of Electrical Muscle Stimulation and Biofeedback in one device. 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 pelvic floor muscles on achievement of a preset voluntary contraction level. Unlike drugs that focus on relieving the symptoms of incontinence, CombiStim XP® has no unpleasant side effects and focuses on tackling the root cause of the condition.

3 treatment options

EMS (Electrical Muscle Stimulation)	By means of gentle electrical impulses, EMS recruits and contracts the pelvic floor muscles thereby strengthening and training them.
EMG (Electromyography)	EMG is like an electronic personal coach that monitors the strength and quality of the patient's own voluntary muscle contractions and provides audio and visual (on screen) feedback on progress.
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.

Clear, easy to read display:

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

- + Programme selected
- + Treatment duration
- + Stimulation intensity
- + Current measured muscle activity
- + Patient voluntary contraction target
- + Treatment mode
- + Poor contacts
- + And much more

7 Programmes

CombiStim XP® comes with 7 programmes including an open EMS programme where the clinician can choose and set desired stimulation parameters.

2 combined programmes:	ETS P + A (passive and active)
1 EMG programme:	Biofeedback
4 EMS programmes:	Stress Incontinence Urge Incontinence Mixed Incontinence Feecal Incontinence Customised settings

The new CombiStim XP®.

Technology you can be sure of.



Technical data:

- + Single-channel multifunctional device
- + 3 procedures, 7 programmes
- + Automated presetting, also individually programmable by therapist
- + Clear LED display
- + Audio and visual feedback

Treatment:

- + Clinically tested treatment
- + Drug free, no side effects
- + Tackles the root cause of incontinence, not just the symptoms
- + Cure rates up to 60%¹
- + Improvement rates between 50 and 88%²

1 cf. Barroscio, J.C., Ramos, J.G. et al: Transvaginal electrical stimulation in the treatment of urinary incontinence, in: BJU Int. 2004, Feb. 93 (3): 319 - 323.

2 cf. Jundt, K.; Peschers, U.M.; Dimpfl, T.: Long-term efficacy of pelvic floor re-education with EMG controlled biofeedback, 1. Department of Obstetrics and Gynecology, Ludwig-Maximilians-Universität.

Prog.	Frequency (Hz)	Pulse Duration (Micro Sec.)	Stim Time (minutes)
ETS	2 - 50	250	2 - 30 sec.
P+A	2 - 50	250	2 - 50
EMG (Biofeedback)	-	-	N / A
Stress / Feacal Incontinence	35	250	30
Urge	10	250	30
Mixed Incontinence	10 / 35	250	30
Customer Setting	2 - 50	50 - 300	2 - 50

Equipment:

- + 1x CombiStim XP®
- + 1x cable with two connections
- + 1x reference cable with one connection
- + 1x pack of 4 adhesive pads (Ø 50 mm)
- + 1x device stand
- + 1x battery
- + 1x user leaflet

