

## HASOMED 8 Channel RehaMove2 - Functional Electrical Simulator



HASOMED+

- Functional electrical stimulation (FES) is a therapy method where nerves are stimulated with electrical current via surface electrodes in order to cause muscular contraction. The aim is to produce a functional movement for impaired extremities.
- With the RehaMove2, specific movement sequences can be generated - for example during cycling, gait training, stabilisation exercises or for foot dorsiflexion.
- FES-assisted movement training with RehaMove2 is very important during therapy and rehabilitation processes of paralyses. It is an effective method to relieve muscle spasms, prevent or avoid atrophy due to immobilisation, increase the local blood flow or increase respectively maintain the range of motion.
- **FES-Cycling** - Active movement is a prerequisite for health and wellbeing. The MOTomed {insert link to motomed page} movement trainer can be combined with RehaMove. RehaMove stimulates the muscles so that legs and/or arms move with their own strength. This turns passive movement into active movement training.
- **FES-Walking** - FES Walking can effectively mobilise people with incomplete paraplegia and prepare them for gait training.
- In hemiplegic patients, the paralysed leg can be supported at the push of a button (external trigger) and strength deficits can be compensated.
- **Sequence Training** - With sequence training, applications from 1-channel hand extension to 8-channel gait training are possible.
- Standardised application templates allow to stimulate movement sequences extremely fast and without further efforts.
- Each sequence training can be adapted with individual adjustable stimulation and pause times.
- The stimulation can be triggered automatically or manually - The manual



starting and stopping of stimulation sequences can be done directly via the stimulator or via a manual switch - external trigger.

- One focus of this application is gait training: for hemiplegic people, the paralysed leg can be supported and strength deficits are compensated with the support of the external trigger - People with incomplete paraplegia can be mobilised more effectively and prepared for gait training.

Code	Display Name
FPM100100	HASOMED 8 Channel RehaMove2 - Functional Electrical Simulator