

ottobock.

Functional electrical stimulation

for the upper and lower limbs



Quality for life

Exclusive Distributor for





• Image shows patient with optional thigh cuff.

The right device for every user.

The L100 Go and L300 Go systems for users with drop foot (e.g. after a stroke) and/or instability of the knee are based on the principle of functional electrical stimulation (FES). With 3D motion detection, multi-channel and single-channel stimulation, Bluetooth programming and a user app for smartphones, the systems offer impressive end-to-end features for external stimulation. A new learning algorithm adapts to the changes in gait dynamics and activates stimulation within 0.01 seconds – considerably faster than a blink of the eye.

L100 Go system

The L100 Go is a single-channel system. This version is a device for users for whom adequate physiological dorsiflexion is possible with single-channel stimulation and who have no additional instability of the knee or weak thigh muscles.

L300 Go system

The L300 Go is a multi-channel system. A single electrode controls two stimulation channels for balanced foot lift – so it is possible to make very fine supination, pronation and dorsiflexion settings. An additional surface stimulator with a corresponding thigh cuff is available for users with instability of the knee or weak thigh muscles. It can be used either in combination with the L300 Go or as a standalone solution.

Overview of systems



	L100 Go system	L300 Go system
3D motion detection	✓	✓
Bluetooth programming	✓	✓
User app	✓	✓
Single-channel stimulation	✓	✓
Multi-channel stimulation	–	✓
Can be combined with thigh system	–	✓
Optional foot sensor	–	✓

The following applies to both systems:

- Intuitive adjustment and the option of using one hand to put it on ensure safe use for the patient.
- Real-time 3D motion detection ensures reliable stimulation at just the right time.
- User app for controlling the system and measuring activity allows easy operation.
- Integrated 10 m walking test to check success and results.



H200 Wireless system. Seizing life.

This hand orthosis uses electrical impulses to activate the nerves controlling the muscles in the hand and forearm which the central nervous system can no longer control due to damage. The H200 Wireless can improve the hand's active range of motion and train corresponding muscles so that they work again, even without the system.

It is possible to use the H200 Wireless both for training purposes and for making simple gripping movements in everyday life. Seven modes are available – three functional programs for everyday activities and four therapeutic programs. Of these modes, a total of two movement patterns can be saved to the control unit – individually adapted to the needs of the user.



• H200 Wireless system

Indications

- Stroke
- Traumatic brain injury
- Partial spinal cord injuries
- Other neurological conditions

Benefits for the O&P professional

- Easy to adjust the modes and intensity via a tablet
- Electrodes are easy to position thanks to panels with standard settings

Benefits for the user

- Lightweight, ergonomically shaped orthosis
- Handy control unit for wireless communication with the orthosis
- Can be applied with one hand
- Provides support for movements in everyday life
- Targeted training for specific muscle groups
- Supports the reduction of muscle spasms
- Contributes to improved blood flow
- Can prevent atrophy

Please contact us if you have any further questions or would like more information.



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