



Waltronic Electro-Magnetic Stance Control

with Stumble Recovery and long lasting battery backup

for
Knee Ankle Foot Orthosis with wired heel sensor

Knee Brace with wireless heel sensor

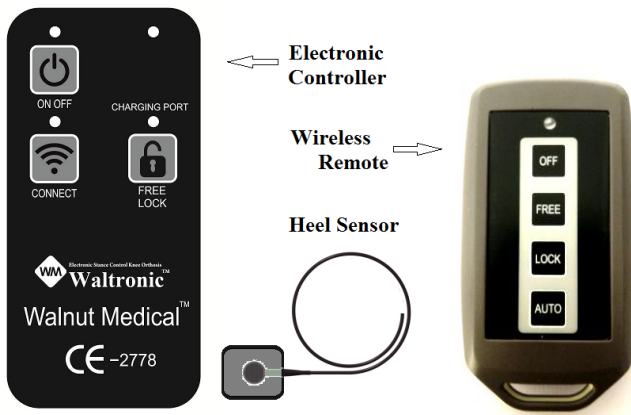
Zero Degree Locking and unlocking

Key Features

- Automatic locking/ unlocking in stance/swing phase
- Wireless remote controlled AUTO, LOCK, FREE modes
- Waltronic System can be remotely switched off using the remote
- Mechanical lever based Automatic (A) and Free (F) mode
- System remains locked at 0°extension in power off mode
- Secured standing through integrated posterior offset
- Range of motion limited in 0° extension
- Electromagnetic locking/unlocking using heel sensor

Electronic Components of the Waltronic system

- Electronic Controller with rechargeable battery
- Wired/Wireless Heel sensor for KAFO/Knee Brace
- Wireless remote control unit for Waltronic



Waltronic Stance Control Electronic Joint

Models of Waltronic

1. **Waltronic Amaze:** Weight 310 gm (Titanium, SS)
2. **Waltronic Luxury:** Weight 170 gm

(Titanium and strongest aerospace grade alloy)

Modes of Wireless Remote Control:

1. **OFF:** Remotely switch off the Waltronic joint
2. **FREE:** Patient can switch on the unlock mode by pressing FREE to cycle or while sitting for friction free movement of the Waltronic joint.
3. **LOCK:** Permanently lock the Waltronic joint
4. **AUTO:** To activate automatic stance control movement of the Waltronic