

## Technical Data Erigo®

**Device description:** Erigo is an innovative tilt table with integrated robotic stepping functions. It combines simultaneous dynamic leg movement and physiological loading of the lower extremities of long bed rest patients or of neurological patients in the early phase of rehabilitation. The purpose of the Erigo is to provide the opportunity of intensive movement therapy and physiological loading of the lower limbs at an early stage after onset combined with the possibility of simultaneous up-righting of the patient.

### Key features:

- Leg and thigh length adjustable
- Foot plates adjustable for different foot positions
- Adjustable leg loading with mechanical indication
- Exchangeable thigh cuffs in different sizes
- Range of motion individually adjustable for each leg by software
- Therapy management by touch screen
- Stepping frequency (cadence) adjustable from 8 - 80 steps/min

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### Technology:

- Tilt table with integrated leg drives
- Foot plates with integrated springs for leg loading
- Control Hardware and Software

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### Tilt table

- Tilting from 0° - 80°
- Mechanical emergency release in case of power breakdown
- Adjustable hip angle from 0° - 15°
- Height adjustable from 52 – 85 cm for an easy lateral transfer from beds and wheelchairs
- Different sizes for harness and leg straps for fixation
- Adjustment in height, tilt and hip angle by means of remote control
- Central locking system for all guide pulleys with three different positions

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### Padding

- Coating 60 mm thick, waterproof and biostatic

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### Room requirements:

- 100 x 260 cm (W x L)
- Space: 400 x 400 x 270 cm (W x L x H)
- Maximum height at vertical position: 270 cm (107 inches)
- Weight: 280 kg (618 lb)
- Temperature: 10 °C - 30 °C
- Humidity: 30 % - 75 % relative air humidity

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### Electronic connection:

- Mains connection available:
  - 230 V / 50 Hz
  - 120 V / 60 Hz

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### Adaptability to patient:

- Patient weight capacity: max. 135 kg (297 lb)
- Continuous adaptation to patient's leg length: 72-102 cm (28-40 inches)

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- Erigocontrol Software:**
- User database with an individual account for every patient (allows for storing patient settings and logging activity)
  - Graphic user interface for adjusting and saving training
  - Adjustable guidance force for leg drives
  - Individually adjustable range of motion
  - 3 different stepping patterns (sine wave, gait and alternating)
  - Symmetric or asymmetric stepping
  - Stepping speed 0 - 80 steps/min
  - User database to store patient settings and activity logs with export function via USB
  - Service diagnostic for error handling
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**All information is subject to change without further notice.**

## **Registration of Erigo®**

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**European Union:** Medical device according directive 93/42/EEC  
 **0124**

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**USA:** FDA registration



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**Canada:** Health Canada market clearance



Medical device license (Medical Device License Number 68009)

## **Manufacturer of Erigo®**

Hocoma AG  
Industriestrasse 4  
CH-8604 Volketswil  
Switzerland

Tel. +41-43-444 22 00  
Fax +41-43-444 22 01  
E-mail: info@hocoma.com