Leonardo Mechanograph® GW

The modular gait analysis system.

Efficient and simple locomotion analysis for clinical practice and research.

Leonardo Mechanograph Gangway offers easy to use gait analysis without any additional markers or additional measurement devices. While the patient simply walks along the 6, 9 or 12 metres long gangway the ground reaction forces are dynamically acquired with respect to spatial resolution. The system automatically analyses typical parameters of gait analysis including step length, asymmetries, uniformity of step sequences, peak forces and path length. Included in delivery are the Gangway Leonardo Mechanograph GW with 4 Modules and the analysis software Leonardo Mechanography RES. Optionally available is a measurement PC or laptop with software preinstalled.

(Picture: Leonardo Mechanograph GW module assembly. One module is 1.5 m, can be combined to gangway of 6, 9 or 12 metres in length.)

TECHNICAL DATA	
Type number	
Classification	Human
Training area dimensions (l/w/h)	60 x 31 x 3 in
Overall dimensions (l/w/h)	236 x 31 x 3 in
Weight of device	77 lbs
Total weight	308 lbs
Force sensors	16 (4 x 4)
Sampling rate per sensor	800 Hz
ADC resolution	16 bit
Max. force per sensor	ca. 1,3 kN
PC Interface	
Seperated platform	
Option and accessories	RES Edition