Leonardo Mechanograph® GRFP STD

The standard model for sports and research.

Dynamic measurement of ground reaction forces forces with respect to spatial resolution. Easy to use and to instruct, fast application and at the same time high reproducibility due to the utilised everyday motions. Applicable in any age group (reference data from 3 to 99 years included). Typical measurement duration about 1 minute per test (about 5 minutes for standard functional assessment).The test procedures include different jumps for the analysis of individual anaerobic peak power, maximum voluntary muscular force and movement asymmetries. The well established chair rising test enables fall risk analysis in geriatrics. Various balance tests are supported. The split platform allows a quantification of asymmetries of physiological movements. Included in delivery are the measurement platform Leonardo Mechanograph GRFP STD, the frame and the analysis software Leonardo Mechanography BAS. Optionally available is a measurement PC or laptop with software preinstalled.

TECHNICAL DATA	
Type number	9N60030000
Classification	Human
Training area dimensions (l/w/h)	26 x 26 x 3 in
Overall dimensions (l/w/h)	38 x 38 x 3 mm
Weight of device	110 lbs
Total weight	134 lbs
Force sensors	8
Sampling rate per sensor	800Hz
ADC resolution	16 bit
Max. force per sensor	ca. 2 kN
PC Interface	
Seperated platform	
Option and accessories	Analog Output Module/ Leonardo Mechanograph® GF/ Sync-Cable/RES Edition/ Kiosk Edition/ Bench Options

Contact us for your personalized service, training and pricing.