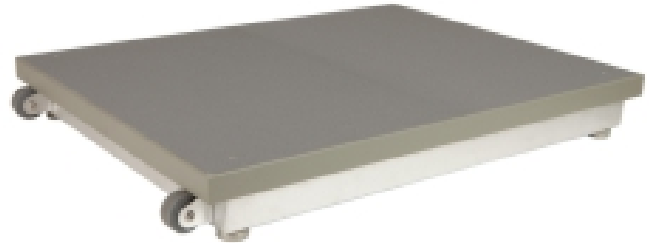




AMTI's AccuPower™-Optimized (ACP-O)

multi-axis force platform is a portable solution for dynamic movements like jump, weightlifting, drop landing, squat analysis and more. Equipped with wheels and a handle, you can take the ACP-O with you for data collections in classrooms, research labs, weight rooms, or court-side.



Setup is quick and easy. The plug & play USB interface automatically synchronizes multiple platforms and eliminates the need for external power supplies. No mounting necessary, just place the AccuPower™-Optimized plate on the ground. Four leveling feet allow the platform to be flat and stable on various surfaces.

High accuracy thanks to our patented Optima Technology. The AccuPower™-Optimized platform attains unprecedented levels of accuracy for measuring Center of Pressure (COP), forces, and moments, giving you reliable data whether you are a coach, clinician, or researcher.

SPECIFICATIONS

 Units: Capacity:

Dimensions(WxLxH)	1,016 x 762 x 127 mm	Mounting hardware	Not Required
Weight	27.27 Kg.	Sensing elements	Hall Effect
Channels	Fx, Fy, Fz, Mx, My, Mz	Amplifier	Built-in
Top plate material	Composite	Analog outputs	Not Available
Temperature range	5 to 40°C	Digital outputs	USB; 6-Channels
Interface	USB 2.0	Device Synchronization	Automatic; ultra-low jitter
Filters	Fixed 100 Hz 3rd order analog	Power Supply	USB-powered, 380mA
Digital Data Rate	10 – 1000 data sets per second, user selectable		
External Sync Signal	Active = low volts, switch to ground Inactive = high volts, open circuit with internal pull up resistor. Protected to ± 10V. 1K Ohm input resistance.		
Digital Data Transmission	32 bit floating point data containing 6 measurement channels, IEEE format		
Computer Requirements	USB 2.0 port, Windows 7/8/10, 1024 Mb RAM, 1.7 GHz		
Software Force Platform Capacity	NetForce™: up to 12 force platforms (USB hubs required) BioAnalysis™: up to 4 force platforms (USB hub required)		
CE Certification	CE Compliant – EMC Full Compliance IEC 61000-4-2:2008, IEC 61000-4-3:2006+A1:2007 +A2:2010, Table 9, IEC 61000-4-4:2012, IEC 61000-4-6:2013, IEC 61000-4-11:2004 per IEC 60601-1-2 ed 4.0 (2014-02) – FCC47 CFR PT 15 15 SPT B: 2013 IC ICES-003: 2016 IEC 61326-1: 2012 CENELEC EN 61326-1 IEC 61010-1:2010		

Channel	Fx	Fy	Fz	Units	Mx	My	Mz	Units
Capacity	4448	4448	8896	N	2823	2823	1129	N-m

*Resultant moment capacity

Published specifications subject to change without notice.

Last modified:2020-09-02

TECHNICAL DRAWING

Footprint Drawing

