

AccuSway Dual Top

For Balance and Postural Sway Measurement



DESCRIPTION

AMTI's AccuSway Dual Top system is a complete solution for quantifying and evaluating human balance. The AccuSway Dual Top has two separate force platforms, one for each foot, on one base. The AccuSway Dual Top was developed and built to be economical, portable and easy to use.

The AccuSway Dual Top uses a Hall Effect based sensor design. This one piece sensor element provides extremely high overload protection on all axes.

The AccuSway Dual Top **measures the three forces (Fx, Fy, Fz) and the three moments (Mx, My, Mz)** involved in balance, providing outputs that allow easy computation of the center-of-pressure coordinates.

The AccuSway Dual Top

- provides separate surfaces for each foot
- can be used with a desktop or laptop computer
- plugs directly into the R232 serial port of the computer for digital acquisition (USB output available)
- analog outputs (+/- 10V), eight per platform
- contains complete built-in electronics
- has an external input that can be used to synchronize data
- lightweight
- low profile
- AMTI's NetForce data acquisition software included

EXTERNAL SYNC SIGNAL

When this dedicated digital input line is brought to ground, the platform's internal processor will transmit a unique data set to the PC.

AMTI
FORCE AND MOTION

*U.S. Patent #5,814,740.

Bulletin ACSDUAL-1206

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 **AGT** Absolute Gauge Technologies™

Presented by: Absolute Gauge Technologies

sales@absolutegauge.com; www.absolutegauge.com,

Toronto: 416 754 3168, Montreal: 514 695 5147, Toll Free: 1 888 754 7008

