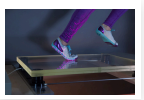
SPS600900-GT

Special Purpose Series (SPS)



The SPS600900-GT features an extreme 600x900mm viewing area through a 40mm thick glass top. The unique design of this force plate allows activities on the top surface of the force plate to be viewed and recorded from the underside.

System Information

All AMTI glass top mounted force platform systems ship standard with the force plate, a GEN-5 amplifier, a 30-foot force plate-to-amplifier cable, and the necessary mounting equipment.

GEN-5 Amplifier

- Advanced signal conditioner
- Pairs with multi-axis sensors or legacy plates
- USB 2.0 digital or analog outputs

Force Plate Cable

- 30 ft. standard length
- Connects amplifier to force plate
- Data transfer and power supply

Mounting Kit

- 1 pair of mounting rails
- Epoxy and dispenser
- Installation fixtures and instructions

Specifications & Details

General Specifications

Units English

Dimensions	23.6 x 35.4 x 4 in
Weight	115.5 lb
Temperature Range	0°F to 125°F
Channels	Fx, Fy, Fz, Mx, My, Mz
Excitation	10 V maximum
Fx, Fy, Fz Hysteresis	±0.2% full scale output
COP Accuracy*	Less than 0.02 in.*
Mounting Hardware	Recommended
Sensing Elements	Straing gage bridge
Amplifier	Included (GEN-5)
Outputs	Digital (USB) or Analog
Crosstalk*	±0.2% of applied load*
Measurement Accuracy*	±0.5% of applied load*

*Typical Value: Minimum applied load of 50 lb.
Specifications subject to change without notice.