

Force Plates / SPS464508-GT

SPS464508-GT

Special Purpose Series (SPS)



The SPS464508-GT force plate features a viewing aperture of a 464 x 508 mm platform area over a 24 mm thick glass top. This unique design 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

| | |
|------------------------------|-------------------------|
| Dimensions | 464 x 508 x 97 mm |
| Weight | 48 kg |
| Temperature Range | -18°C to 50°C |
| Channels | Fx, Fy, Fz, Mx, My, Mz |
| Excitation | 10 V maximum |
| Fx, Fy, Fz Hysteresis | ±0.2% full scale output |
| COP Accuracy* | Less than 0.5 mm* |
| Mounting Hardware | Recommended |
| Sensing Elements | Straining gage bridge |
| Amplifier | Included (GEN-5) |
| Outputs | Digital (USB) or Analog |
| Crosstalk* | ±0.2% of applied load* |
| Measurement Accuracy* | ±0.5% of applied load* |

