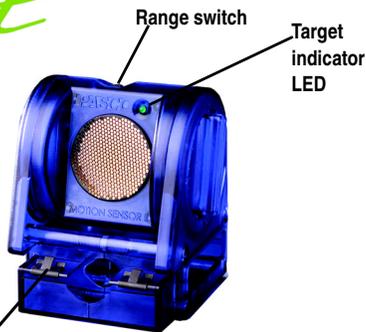


Motion Sensor

PS-2103

Track mounting bracket



Sensor Specifications

Sensor Range: 0.15 to 8 meters (± 0.001 m accuracy)

Minimum Distance: 15 cm - false readings when closer

Range Switch Settings:

Cart Setting : For cart or short-range activities

People Setting : For people or long-range activities

Target Indicator LED OFF: No target detected. Realign target and try again or use a flat, reflective board (648-07373) as a target to improve detection.

Surface Reflections: Tilt the sensor up 5–10 degrees to avoid reflections from a table surface or the sensor housing.

Motion Quick Start

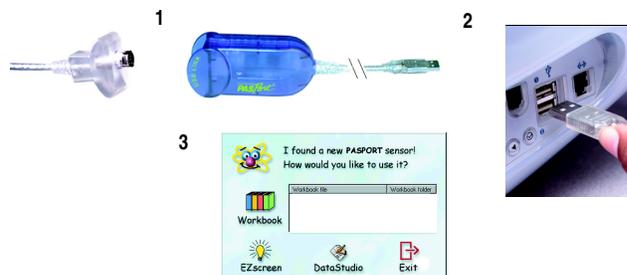
The PS-2103 Motion Sensor uses ultrasound to measure position.

Additional Equipment Needed

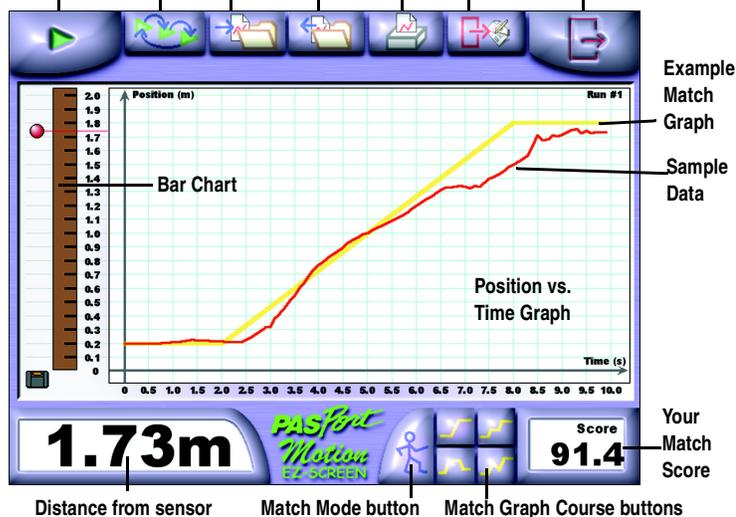
- PASPORT™ USB Link or Xplorer
- EZscreen or DataStudio® software (version 1.5 or later)
- Equipment to mount sensor as needed—ring stand (SE-9451) or Cart Adapter Accessory (ME-6743)

Equipment Setup

- Connect the sensor plug to a PASPORT USB Link.
- Connect the PASPORT USB Link to a USB port on your computer or a USB hub.
- The software launches when it detects a PASPORT sensor. Select a choice from the PASPORTAL window.



Click the Start Button to Record Data | Toggle Data Runs | Save Data | Open Data | Print Graph | Exit to DataStudio | Quit EZscreen



Motion EZscreen

EZscreen Activity - Match Graph

- Select a **Match Graph Course** button.
- Set the Range Switch on top of the sensor to the People setting.
- Stand in front of the Motion Sensor and aim the sensor at your midsection (Mount sensor on a support rod if necessary or hold a reflector board for better results). Make sure that you can move at least 2 meters away from the Motion Sensor.
- Position the computer monitor so you can see the screen while you move away from the sensor.
- Click the **Start** button.
- Use the brief countdown to align your initial position with the beginning of the Match Graph course. When data recording begins, move your body so the plot of your motion matches the gray Position vs. Time plot shown on the screen.
- Your Score shows how close you followed the Match Graph Course.
- Select another **Match Graph Course** button and repeat, or click the **Match Mode** button to exit match mode.

EZscreen Specifications

EZscreen Range: 0.15 to 2 meters

Recording Time: Up to 120 seconds for normal graph use
Only 10 seconds for Match Graph activity

Scale-to-Fit: Double-click the Graph to scale the data.

Information Tool: Drag cursor over graph to display X,Y coordinate and slope at a point.

Export to DataStudio: Click the **Exit to DataStudio** button.