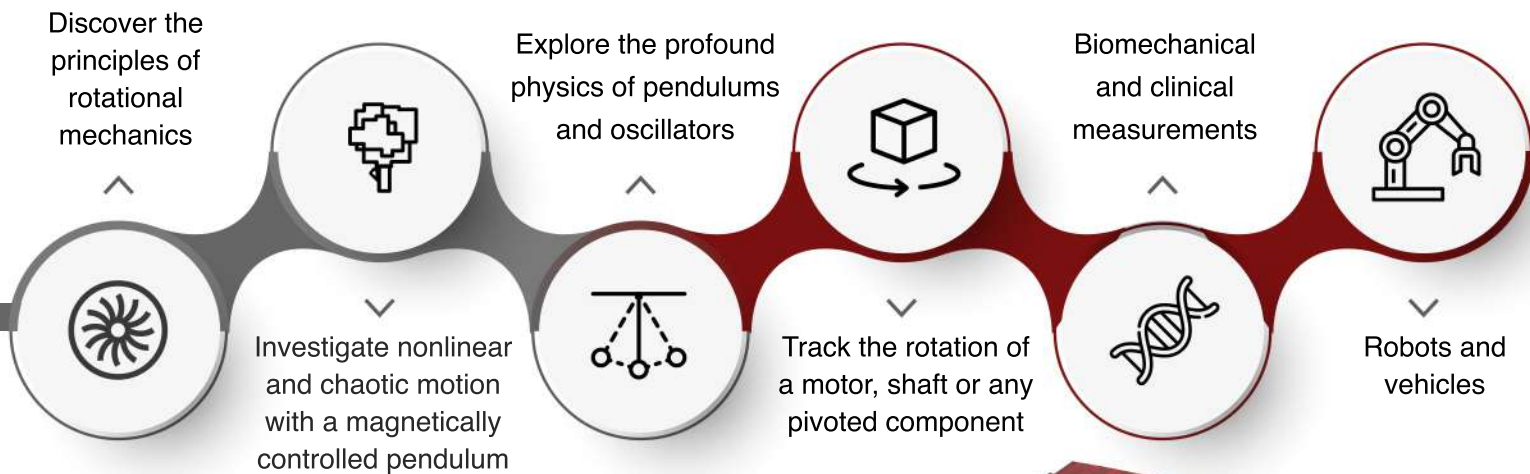


PhysCompass

Measure angle

The PhysCompass is a contact-based, low-friction, angular position sensor which promises to be accurate, reliable, and extremely easy to use. Based on the vernier optical encoder technique, PhysCompass can quickly and continuously measure the angle of any rotating object with a resolution as high as 0.6° and a range that has no limits! A versatile adapter means you can suspend pendulums and rods to investigate swinging motions, mount rotating discs and wheels to explore rotational dynamics, or attach a needle (and utilize the in-built hardware tare button) to acquire absolute angle measurements

Typical Applications



Features

- Range: Unlimited
- Accuracy: xx
- Hardware tare
- Resolution: $\sim 0.6^\circ$
- Direction sensitive
- Moment of Inertia: xx
- Coefficient of friction: xx
- Connects with PhysLogger
- PhysInstrument Class: Analog
- Adaptable for rods, pendulums, rotors, etc.

