

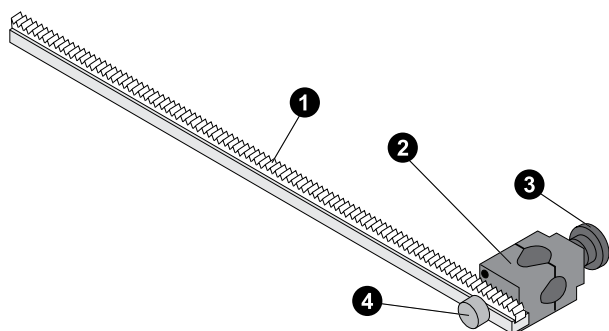
Linear Motion Accessory

CI-6688A

Introduction

The Linear Motion Accessory is designed to be used with a PASCO rotary motion sensor, including the Rotary Motion Sensor (CI-6538) or the PASPORT Rotary Motion Sensor (PS-2120A). The accessory consists of a 21 cm rack that is inserted into the similarly-shaped slot on the side of the sensor. When a sensor is clamped to the rod clamp, the linear position of that sensor can be tracked using the Rotary Motion Sensor.

Components



- ❶ Rack
- ❷ Rod clamp
- ❸ Rod clamp thumbscrew
- ❹ Rack thumbscrew

Usage

To install the Linear Motion Accessory, insert the rack into the slot on the side of the rotary motion sensor, as shown in Figure 1 below.

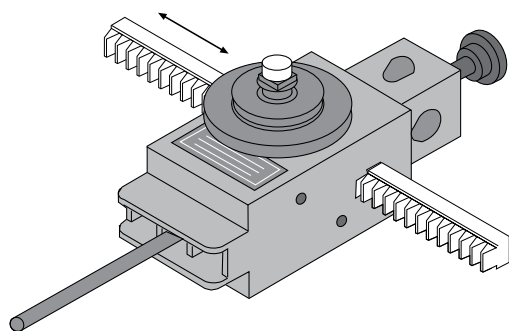


Figure 1. Inserting the rack into the Rotary Motion Sensor (CI-6538).

The teeth on the rack engage a gear inside the sensor such that, as the pulley on the sensor turns, the rack moves through the slot. This allows the sensor to measure the linear motion of the attached sensor in either direction.

The rack may be inserted through either side of the sensor. The rack can also be attached to a mounting rod using the rod clamp, which can be secured to the rack using the rack thumbscrew.

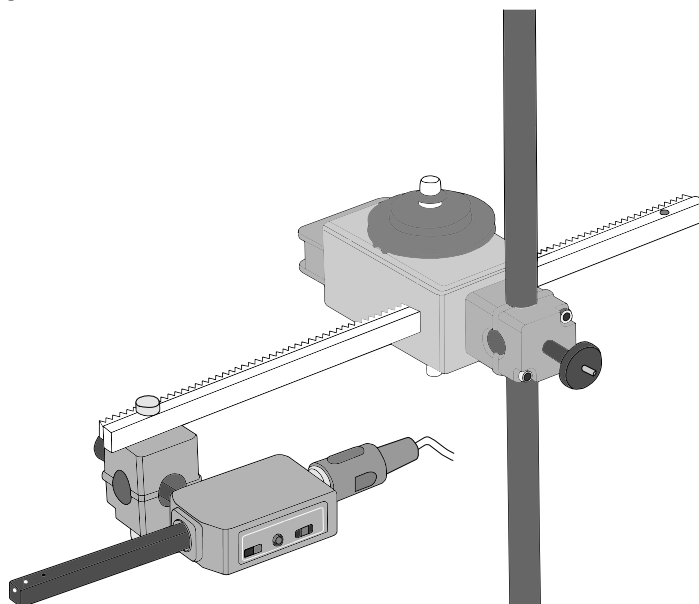


Figure 2. A PASCO analog sensor attached to the Linear Motion Accessory.

Specifications and accessories

Visit the product page at <http://pasco.com/product/ci-6688a> to view the specifications and explore accessories. You can also download experiment files and support documents from the product page.

Technical support

Need more help? Our knowledgeable and friendly Technical Support staff is ready to answer your questions or walk you through any issues.

- Chat pasco.com
- Phone 1-800-772-8700 x1004 (USA)
+1 916 462 8384 (outside USA)
- Email support@pasco.com

Limited warranty

For a description of the product warranty, see the Warranty and Returns page at www.pasco.com/legal.

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