

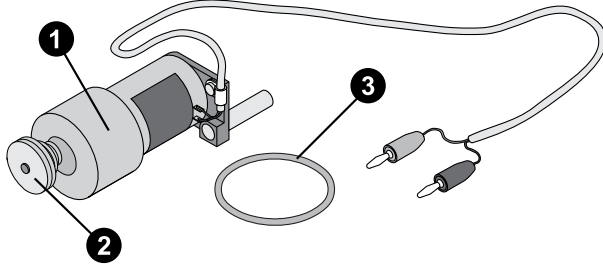
Rotational Motor Drive

ME-8955

Introduction

The Rotational Motor Drive is an accessory to the PASCO Rotating Platform (ME-8951). The motor drive can be used to drive experiments using the Centripetal Force Accessory (ME-8952). The device can be powered using any power supply capable of supplying a 12 VDC, 0.2 A signal.

Components



- ❶ Motor drive assembly (with mounting rod and banana plugs for connection to power supply)
- ❷ Three-step pulley
- ❸ Drive belt

Setup

1. Insert the Rotational Motor Drive's mounting rod into one of the accessory mounting holes on the Rotating Platform base, as shown in Figure 1.

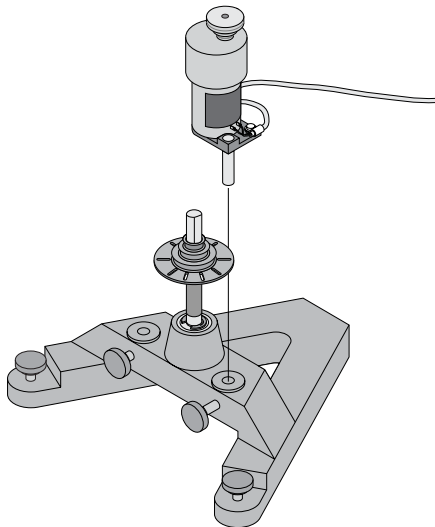


Figure 1: Attaching the Motor Drive.

2. Loop the drive belt around the Rotating Platform's vertical pulley and one of the three pulleys on the Motor Drive, as shown in Figure 2.
3. Twist the Motor Drive in its mounting hole until the belt is taut. Tighten the accessory mount thumbscrew. Figure 2 shows the proper final orientation of the Motor Drive.

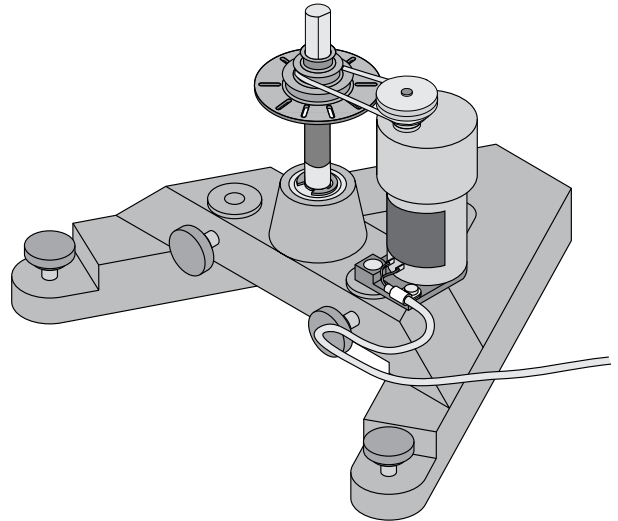


Figure 2: Motor Drive mounted on the base, with drive belt connecting the pulleys.

4. Set up your experiment.

⚠ CAUTION: To prevent damage or injury, clear the area around the Rotating Platform *before* powering the motor.

5. Connect the motor to a DC power supply. The motor will automatically begin spinning when the power supply provides sufficient voltage and current.

✎ NOTE: The motor will continue to spin for several seconds after the power has been disconnected.

Specifications and accessories

Visit the product page at [pasco.com/product/ME-8955](https://www.pasco.com/product/ME-8955) 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.

- 🌐 Web [pasco.com/support](https://www.pasco.com/support)
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- ✉ Email support@pasco.com
- 📞 Phone 1-800-772-8700 x1004 (USA)
+1 916 462 8384 (outside USA)

Limited warranty

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

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Product end-of-life disposal



This electronic product is subject to disposal and recycling regulations that vary by country and region. It is your responsibility to recycle your electronic equipment per your local environmental laws and regulations to ensure that it will be recycled in a manner that protects human health and the environment. To find out where you can drop off your waste equipment for recycling, please contact your local waste recycle or disposal service, or the place where you purchased the product. The European Union WEEE (Waste Electronic and Electrical Equipment) symbol on the product or its packaging indicates that this product must not be disposed of in a standard waste container.

CE statement

This device has been tested and found to comply with the essential requirements and other relevant provisions of the applicable EU Directives.