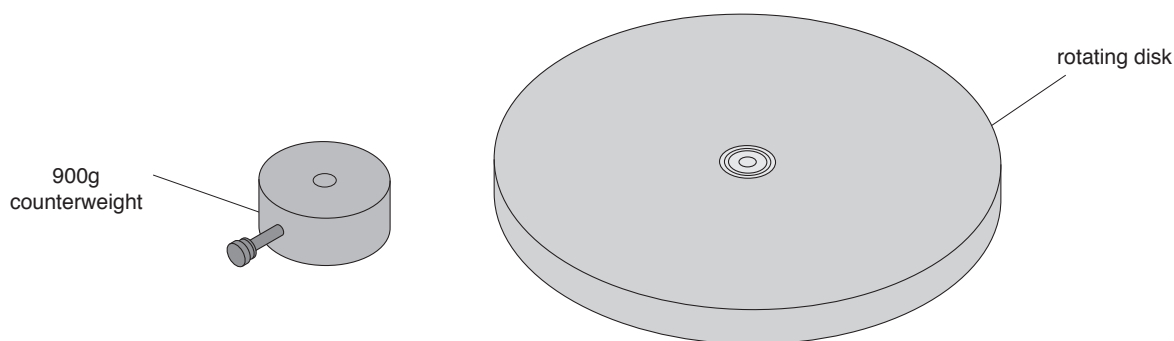


**Instruction Sheet
for the PASCO
Model ME-8961**

ADDITIONAL GYROSCOPE DISK



Introduction

The PASCO ME-8961 Additional Gyroscope Disk is designed to be used with the PASCO ME-8960 Demonstration Gyroscope. When used in addition to the components included with the ME-8960 Demonstration Gyroscope, a greater variety of experiments can be performed.

See the Demonstration Gyroscope manual for a complete guide to experiments

Equipment

The ME-8961 Additional Gyroscope Disk includes the following:

- 25cm diameter rotating disk with pulley
- one 900g large counterweight
- thumbscrew

Assembly

Using the Additional Gyroscope Disk

- ① Slide the included 900g counterweight onto the long side of the gyroscope axle and tighten the thumbscrew.
- ② Put the Additional Gyroscope Disk on the other end of the gyroscope axle with the pulley side of the disk facing away from the center of the gyroscope apparatus. Secure the disk in place with the supplied thumbscrew. See Figure 1.

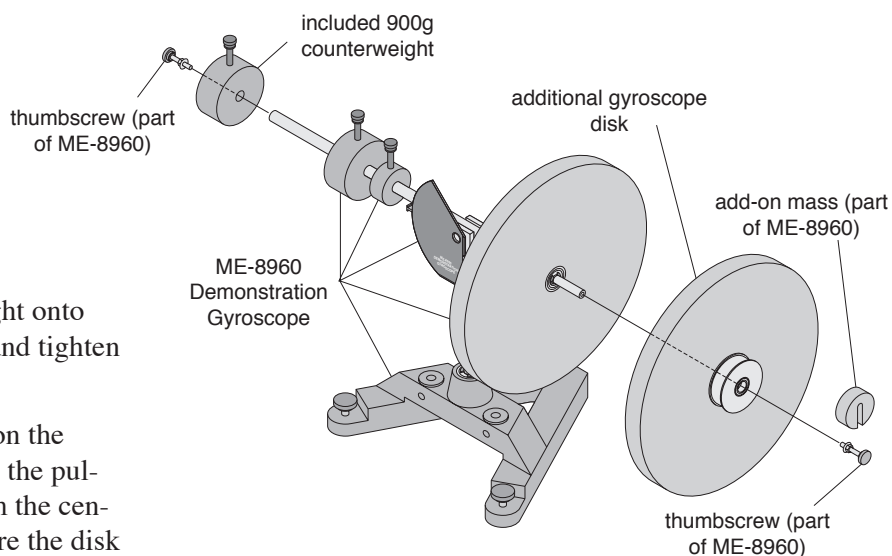


Figure 1: Using the Additional Gyroscope Disk

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This instruction sheet written/edited by: Jon Hanks

Using the Rotating Disk Pulley

- ① Make sure the rotating disk is secure on the gyroscope axle and decide which direction you want the disk to rotate.
- ② Tie a loop in the end of a length of thread (approximately 1.5 meters long) and put the loop around the dowel pin located on the surface of the rotating disk pulley and wind the thread around the surface of the pulley. See Figure 2.
- ③ Holding the gyroscope axle in place, pull the thread to rotate the disk at the desired speed.

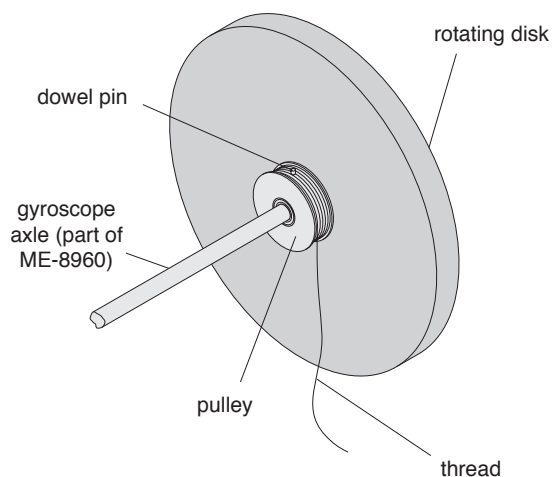


Figure 2: Using the Rotating Disk Pulley

Limited Warranty

PASCO scientific warrants this product to be free from defects in materials and workmanship for a period of one year from the date of shipment to the customer. PASCO will repair or replace, at its option, any part of the product which is deemed to be defective in material or workmanship. This warranty does not cover damage to the product caused by abuse or improper use. Determination of whether a product failure is the result of a manufacturing defect or improper use by the customer shall be made solely by PASCO scientific. Responsibility for the return of equipment for warranty repair belongs to the customer. Equipment must be properly packed to prevent damage and shipped postage or freight prepaid. (Damage caused by improper packing of the equipment for return shipment will not be covered by the warranty.) Shipping costs for returning the equipment, after repair, will be paid by PASCO scientific.

Equipment Return

Should this product have to be returned to PASCO scientific, for whatever reason, notify PASCO scientific by letter or phone BEFORE returning the product. Upon notification, the return authorization and shipping instructions will be promptly issued.

► **NOTE:** NO EQUIPMENT WILL BE ACCEPTED FOR RETURN WITHOUT AN AUTHORIZATION.

When returning equipment for repair, the units must be packed properly. Carriers will not accept responsibility for damage caused by improper packing. To be certain the unit will not be damaged in shipment, observe the following rules:

- ① The carton must be strong enough for the item shipped.
- ② Make certain there is at least two inches of packing material between any point on the apparatus and the inside walls of the carton.
- ③ Make certain that the packing material can not shift in the box, or become compressed, thus letting the instrument come in contact with the edge of the box.