

Energy Transfer - Flywheel Accessory

Model No. ET-8773



Included Equipment	Replacement Model Number*
1. Energy Transfer Flywheel Accessory (1)	ET-8773

*Use Replacement Model Numbers to expedite replacement orders.

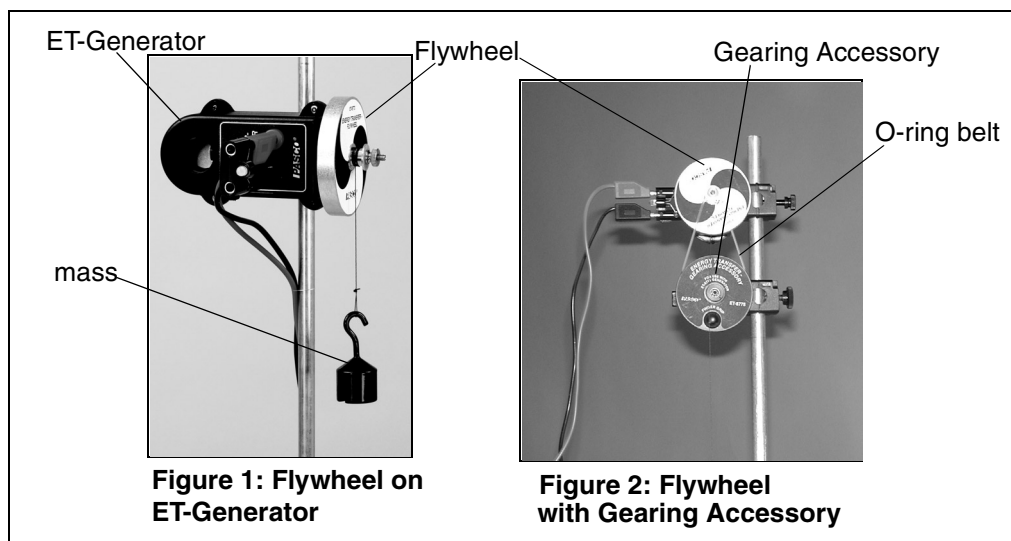
Additional Equipment Suggested	Replacement Model Number
Energy Transfer - Generator	ET-8771
Energy Transfer - Gearing Accessory	ET-8775
Voltage/Current Sensor	PS-2115 or CI-6503 with CI-6556
Hanging Mass Set	SE-8759
PASCO computer interface (<i>ScienceWorkshop</i> [®] or <i>PASPORT</i> [™] interface)	Various (See PASCO catalog)
DataStudio [®] Software (version 1.8 or later)	Various (See PASCO catalog)

Introduction

The Energy Transfer - Flywheel Accessory (ET-8773) is used for demonstrating the storage of rotational kinetic energy in a flywheel. The flywheel can be used with either a pulley or gearing accessory for the study of energy transfer (i.e. gravitational to rotational) or rotational inertia. Mounted to the flywheel are a rotating shaft, which acts like a pulley, and an inertia disk.

Equipment Setup

To fasten the flywheel to the ET-Generator (Figure 1), remove the pulley from the generator and slide the flywheel over the shaft. Use a knurled nut to hold the flywheel in place. With an O-ring belt, the flywheel can be attached to the ET-8775 Gearing Accessory (Figure 2).



For suggested experiments and applications with the flywheel, see the manual provided with the ET-8771 Energy Transfer - Generator. Also see the instruction sheet provided with the ET-8775 Gearing Accessory.

Technical Support

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