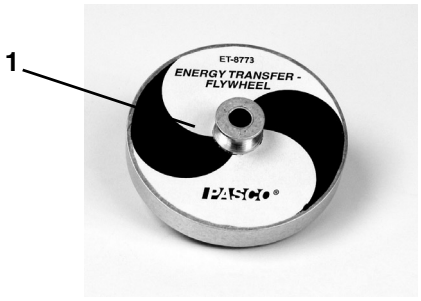
# Energy Transfer - Flywheel Accessory

**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 (*ScienceWorkshop*® or PASPORT™ 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).

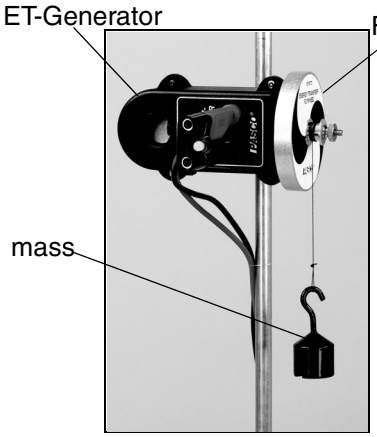



**Figure 1: Flywheel on ET-Generator**

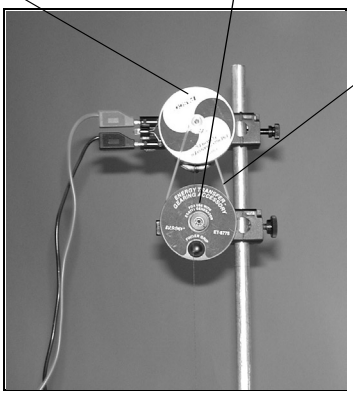



**Figure 2: Flywheel with Gearing Accessory**

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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