



## P2776

### ENERGY OF FLYWHEEL

#### DESCRIPTION

Cussons P2776 Energy of Flywheel apparatus is an extremely robust and versatile unit comprising of the main flywheel, the mass of which can be varied by adding and removing two rings and one disc, and mounted on a heavy duty stand suitable for mounting. The unit also includes a vibrating arm to enable traces to be drawn on a paper strip positioned on the circumference of the flywheel.

The fully assembled flywheel, which measures 300 mm in diameter and is 75 mm wide, is fitted with a special anti-friction bearing.

The assembly, of overall dimensions 450 mm long by 400 mm wide by 360 mm high, is supplied complete with paper roll, bottle of ink, spare vibrator brush, ink feed brush and length of cord, but without masses and hanger.

#### EXPERIMENTAL CAPABILITIES

Experiments can be performed to determine:

- ◆ The maximum (final) velocity of the descending mass
- ◆ The maximum energy content of the flywheel
- ◆ The energy stored when rotating at unit speed (1 rev/min)
- ◆ The moment of inertia of the flywheel
- ◆ The radius of gyration of the flywheel

#### P2777 MASSES AND HANGER FOR P2776

Comprising:-

- 1 x 500 gm hanger
- 5 x 500 gm masses

#### SHIPPING SPECIFICATIONS

Case size: 52 x 46 x 43 cm

Weight: 62 kg nett, 96 kg gross