

Water Turbine with Dynamo Model



Model AM 552

This Hydro-electric power generator is composed of a turbine with transparent cover connected to a small motor to generate electricity. Ideal for classroom demonstrations, students can directly observe the process of conversion of water flow to electrical energy that occurs in hydro-electric power plants. A brass chromed water wheel is mounted in a cast aluminum casing about 10cm in diameter. The water turbine is mounted on a metal base together with a dynamo, motor, lamp & LED. The apparatus is specially designed for operation under low water pressure, and performs extremely well with higher water pressure. Supplied are a 25mm diameter outflow tubing and an inlet tubing with adaptor for larger size water taps. A switch selects delivering power to either a lamp or a Newton's Color Disc, which when spinning appears to turn white. The LED has constant power, but can be removed if you instead want to draw current from the output terminals via the 4mm leads. Dimensions of the unit are 13 x 9 x 7.5 inches. Supplied with manual.

Specifications, Model Photos and design subject to changes without any notice