



Product Code . ILS-E-11760

Deluxe Van de Graaff Generator

Description

The Van de Graaff Generator consists essentially of a motor driven belt that runs between pulleys, one on the motor shaft and the other inside the dome at the top of the column.

The variable speed motor is controlled by a rheostat whose knob is on the front panel.

The Van de Graaff Generator is designed to attain potentials up to 350,000 volts or more under favorable operating conditions.

Potentials of 250,000 volts are perhaps more usual and provide more than enough voltage for forceful demonstrations.

All units are shipped completely assembled, ready to operate.

When the Van de Graaff is new, it is normal for the motor to not start turning until the rheostat is almost at full speed.

This is because the bearings in the motor and the upper pulley are still relatively tight.

Over time those bearings will loosen up and the unit will start more easily.

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