

**Product Name :**

Engine, Diesel, 4 Stroke

**Product Code :**

SLE/PHY/170

**Description :**

4 Stroke diesel hand crank model with actuating movable parts to demonstrate engine basics. Made of cast alloys and abs plastic, built for years of demonstrations.

This model works by cranking the main shaft by hand which then actuates all the parts of the motor to show the stages of a 4 stroke diesel motor firing.

**Technical Specifications :-**

**Functioning Parts:** Crankshaft, cam, cam gear, connecting rods, piston, intake/exhaust valves, rocker arms, push rods, fuel pump.

**Identifiable parts:** Crank Case, Crank Shaft, Connecting Rod, Cylinder, Piston, Intake Valve, Exhaust Valve, Piston Pin, Glow Candle, Swing Lever, Exhaust Manifold/Pipe, Cam Shaft Gear, Injection Pump, Governor Spindle, Supply Line, Cylinder Pump, Piston Pump, Pressure Valve, Delivery Pipe, Suction Sub, Air Filter, Injection Nozzle, Nozzle Body, Nozzle Needle, Pressure Bolt, Pressure Socket, Oil Return

Ignition light and glow plug can be activated by using a 6V power supply.

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