

OM LABS

An ISO Certified Co

OM LAB PRODUCTS

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GSTIN: 06AKBPG9661L1ZV

Working Model of Solenoid



- **Model Name:** Working Model of Solenoid
- **Dimensions:** 19 x 12.5 x 8.5 cm Approx.
- **Weight:** 250 gm Approx.
- **Purpose:** Demonstrates the working principle of a **solenoid**, a coil of wire that produces a **magnetic field** when electric current passes through it.
- **Working Principle:**
- When connected to a **6-8V DC power supply**, the solenoid becomes **magnetized**.
- It can then attract **ferromagnetic materials** like an iron rod.
- **Magnetization** occurs when power is on.
- **Demagnetization** happens when the power supply is switched off.
- **Voltage Range:** 6-8V DC (recommended)
- **Terminals:** Two connection terminals for DC power input
- **Visuals:** Copper wire wound around a cylindrical core to form the solenoid.
- **Ideal For:** Classroom demonstrations of **electromagnetism principles**

Note: Specification and image are subject to change w/o notice due to Continuous improvement

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