

**311. Self and Mutual Inductance Coils-  
Order Code - TP1032**

Has primary coil of 500 turns and secondary coil of 100, 250 and 500 turns with different tapings, mounted on wooden bobbins 25mm diameter per pair.

**312. Self and Mutual Inductance Coils-  
Order Code - TP1033**

Coils are mounted on wooden bobbin of 25cm diameter. Primary having 500 turns and secondary also 500 turns per pair.

**313. Induced Current Apparatus-  
Order Code - TP1035**

It has the bulb in secondary and make and break arrangement in primary to show the phenomenon of self and mutual induction and principle of induction coil, workable on 6 volts.



**314. Electrical Vibrator-  
Order Code - TP1038**

A thin steel rod (called vibrator) is clamped at one end and passes through a small solenoid. The rod is slightly flattened at the free end and a hole is drilled in it so that a string can be tied through it. The solenoid is connected to A.C. mains through a suitable lamp resistance. A permanent horse shoe magnet is mounted on the base board and a steel rod passes between them. The thin rod is magnetized longitudinally. The solenoid and a horse shoe magnet cause it to vibrate with the frequency of A.C. supply. The length of the vibrator is adjusted until its natural frequency corresponds with that of the supply. The whole unit is mounted on a polished wooden base, complete with pulley, pan and cord.



**315. Alnico Bar Magnet-Order Code - TP1053**

An excellent pair of Alnico Bar Magnets that are exceedingly strong for their size and will resist demagnetizing conditions. North and South poles are permanently inscribed.

Order Code	Size
TP1053A	37 mm
TP1053B	50 mm
TP1053C	75 mm
TP1053D	100 mm



**316. Alnico Horse Shoe Magnet -  
Order Code - TP1054**

Highly effective when high magnetic strength is required. These magnets will hold their force for a long time. Distance between the poles is 20mm.

Note: Specifications are subject to change.

Order Code	Size
TP1054A	50 mm
TP1054B	75 mm
TP1054C	100 mm



**317. Extra Strength Alnico Bar Magnet-  
Order Code - TP1055**

A large Alnico Bar Magnet has a high magnetic force & bigger in size as compared to TP1053

Order Code	Size
TP1055A	50 mm
TP1055B	75 mm



**318. Electromagnet-Order Code - TP1056**

A coil is wound on each arm of a U shape bar of soft iron. The poles are 10mm in diameter and ends are ground flat to make good magnetic contact with iron armature. It will operate on one or more dry cells.

Order Code	Size
TP1056A	3"
TP1056B	4"



**319. Electromagnet-Order Code - TP1057**

Demonstrates how electric current can be used to generate very strong magnetic fields. This two-part, dissectible electromagnet comprises a core and a yoke, with their mating surfaces precisely machined to very close tolerances. The core has a cylindrical coil wound with enameled copper wire on annular insulated bobbin, with both ends of winding terminating in crocodile clips. Back of the core has a cell holder that can be connected to coil using crocodile clips. Both core and yoke provided with steel eye-bolts. Generates tremendous lifting power.



**320. Magnetic Needle Stand-  
Order Code - TP1058**

For Magnetic Needles, with Aluminium Base & Aluminium Rod of 6mm dia is mounted on the base. The Aluminium pillar supports a steel di needle. Supply without needle.



**321. Magnetic Needles-Order Code - TP1059**

Specially made highly magnetized with accurate brass center with low friction.

Order Code	Size
TP1059A	75 mm
TP1059B	100 mm



**Tesca Technologies Pvt. Ltd.**

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India, Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com Website: www.tescaglobal.com