

Advantage and Disadvantage of Magnet



Magnets have several uses:

- Credit cards, ATM cards, and identity cards have a strip of magnetic material that stores information.
- Television and computer monitors use magnets.

Computer hard discs and audio and video cassettes have magnetic material that store information. Magnets are used in picking up substances made of iron from scrapyard.



Factors which effect the strength of electromagnet

- Magnetic effect of current depends on number of turns.
- Magnetic effect of current depends the value of current.



Uses of electromagnets

- They are used to lift heavy iron pieces. They are fitted on cranes lifting heavy objects of scrap iron.
- They are used in many devices like electric bell, electric horn, telephone receiver, electric relay, microphones, radio set, television, loudspeakers etc.
- The electromagnets are also used to separate magnetic material from the junk.
- Doctors use tiny electromagnets to take out small pieces of magnetic material that have fallen in the eye.

Advantage and Disadvantage of Magnet



Disadvantage of magnet

- Magnets lose their properties if they are heated, hammered or dropped from some height.
- Magnets become weak if they are not stored properly.

Bar magnets should be kept in pairs with their unlike poles on the same side. They must be separated by a piece of wood while two pieces of soft iron should be placed across their ends.