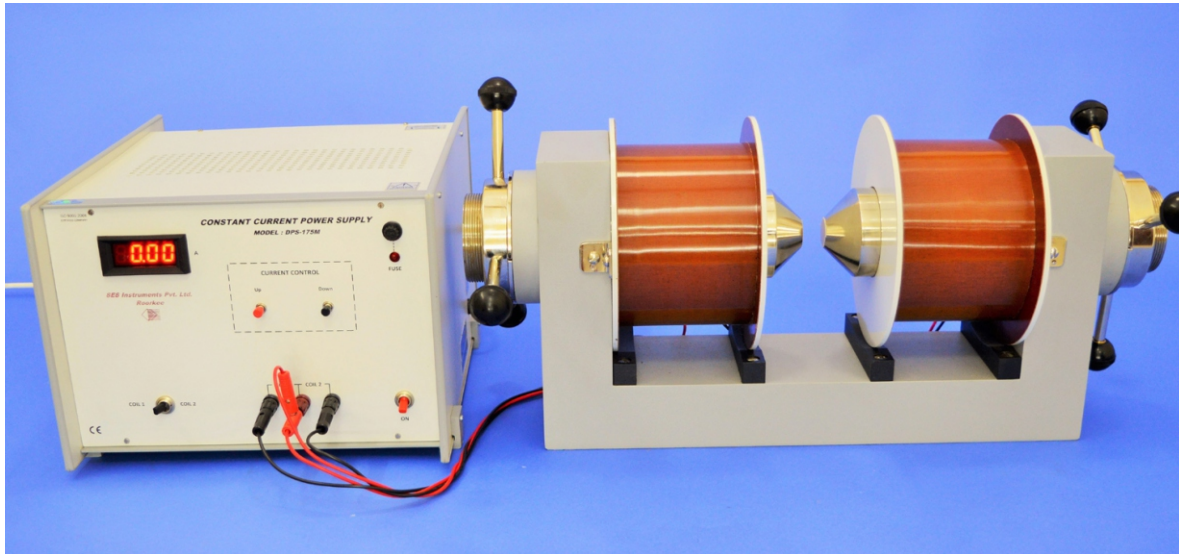


EMU-75

Electromagnet



EMU-75, EMU-75T

EMU-75 has the most widely used 'U' shaped soft iron yoke. The soft iron is of a special quality, structurally uniform, well machined and finished to meet the rigid standards.

The pole pieces are made from dead annealed soft iron blocks of the best quality available. They are well shaped, machined and finished. The air-gap is continuously variable upto 75mm with two way knobbed wheel screw adjusting system. Normally flat pole pieces are supplied in EMU-75V. Tapered pole pieces can be supplied on special request in EMU-75T.

The coils are wound on non-magnetic formers with uniform layers of S.E. copper wire. The new and modern design of the coils provides good thermal conductivity characteristics and eliminates troublesome hot spots even at high magnetic fields.

Specifications

Field Intensity : 11 KG at 10mm air-gap with flat pole pieces (In EMU-75V)
14 KG at 10mm air-gap with flat pole tapered pole pieces (In EMU-75T)

Pole Pieces : 75mm diameter

Energizing Coils : Two, each having a resistance of about 12Ω

Power Requirement : 0-90Vdc, 3A, if coils are connected in series. 0-45Vdc, 6A, if coils are connected in parallel

Weight : 81Kg

Constant Current Power Supply, DPS-175 shown in above picture need to be purchased separately and is not included in cost of Electromagnet.

