

HIGH-QUALITY PHYSICS INSTRUMENTS

ELECTROSCOPE PITH BALL 106

A plated brass pillar mounted on bakelite base supporting two pith balls in unspun silk.



106



BUTTERFLY NET, FARADAY 107

To show that electrical charge resides on external surfaces of Conductor. Fabric net with cord on insulating pillar with metal base

ELECTRICAL WHIRL 108

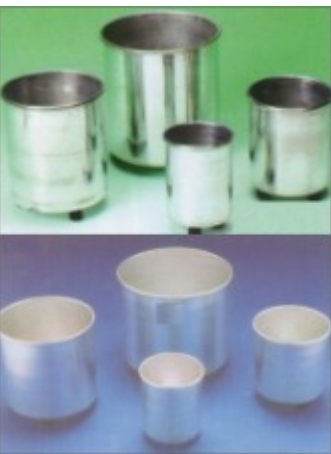
For demonstrating the effect of electric discharge from points. The apparatus has a 95 mm. diameter, Three-pointed star wheel with all the points curved in one direction. The wheel rotates freely on a pivot point mounted on a short stand and the stand is provided with a 4mm



108

FARADAY'S PAILS 109

Set consists of 4 nesting aluminium cylindrical; containers each fitted with insulating feet. Sizes for each vessel are 150 mm dia x 120mm high, 120mm dia x 110 mm high, 90 mm. dia x 90 mm high, 75 mm dia x 75 mm high.



GOLD LEAF ELECTROSCOPE WOODEN AND METAL ALSO.110

Rectangular casted metal case and polythene insulated lid with finger flap to facilitate removal. Fitted with 4 mm socket. Front glass window slides upto allow insertion of ionizing material in chamber, gold leaf support plate and scale to show deflection with one pair of leaves.



110

111

BIOT'S APPARATUS 111

A spherical conductor on insulating stand with two hollow hemi -spheres, each with insulated handle, to show that electrostatic charge resides on outer surface.

