

# E/M APPARATUS

N99-B10-7350

\$1,795



The E/M Apparatus permits students to clearly observe the effects of electric and magnetic fields on an electron stream. This compact and economical all-in-one unit provides students a dramatic and visually pleasing experience. The large orbital electron path is circular and Helmholtz coils are built in. The beam has a built-in engraved glass rod with a scale along the central axis. This eliminates parallax when making diameter readings of the electron orbit. Included with this unit is a black box with a view hole so that you can observe the entire experiment without having to darken the room.

## SPECIFICATIONS

Vacuum Tube: 150mm, containing helium gas and built-in scale.  
 Helmholtz Coil: 300mm  
 1mm wire 130 turns  
 Two parallel-mounted coils with variable resistors to adjust current voltage 200-550V  
 Heater: 6.3V  
 Dimensions: 485x305x375mm  
 Weight: Approximately 6.8kg  
 Accessory: Dark Box Included

# REPLACEMENT TUBE for E/M APPARATUS

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\$695

