



**Product Code . ILS-EAM-11821**

## **e/m Apparatus**

### **Description**

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#### **Features:**

Internal computer voltage & current control

Power supplies in base of apparatus

Measures charge/mass ratio of the electron

Large Helmholtz coils for uniform magnetic field

#### **Specification:**

**Separation:** 15 cm

**Turns:** 132 per coil

**Tube Diameter:** 13 cm

**Electron Gun:** indirectly-heating cathode with accelerating anode

Helmholtz Coils

**Radius:** 15 cm

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**Coil Current:** 0-3 A adjustable with current regulated supply

**Meters:** two 3-digit LED panel meters

**I x w x h:** 30 x 40 x 38 cm (11.8 x 15.7 x 15 in)

**Magnetic Field:** 7.8 mT/A




**High Voltage:** 100-500 Vdc adjustable with front panel control

User manual included

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