

## IV-E221 GM Counter Experiment Setup



A general purpose Instrument for measuring suitable for radioactivity counting utilizing Geiger-Muller-Tubes or solid state Radiation particle detectors and as a general purpose millisecond digital timing device with manual setting and electronic display. The bright L.E.D has six digits, 14mm high, making it suitable for individual use or class demonstration. In the radioactivity an integral pre-amplifier is provided for solid state detectors and an adjustable 300 to 100V E.H.T supply for G.M tubes. In the timing, the display reads in seconds, i.e from 0 up to 99.9s, and provided front panel thumbwheel setting.

### CONSIST OF FOLLOWING ITEMS

#### G.M.COUNTER

- COMPLETE WITH INBUILT POWER SUPPLY EHT 250-1200v
- Workable on 220v. 50Hz.,
- Power consumption 8W approx.
- STOP, START, RESET switches.
- Counts Capacity: 6 DIGIT COUNTING SYSTEM,
- Preset Time: 3 DIGIT PROGRAMABLE TIMER WITH DIGITAL DISPLAY.
- 3 1/2 Inbuilt Digital Volt Meter for GM TUBE Voltage.
- Dimensions: 460X370X230mm. (Complete instrument is HOUSED in corrugate box with Export Packaging) Wight: Total weight of the Instrument is 5.5kg.

#### G.M.COUNTER ACCESSORIES:

- G.M.TUBE: END WINDOW G.M.TUBE MOUNTED IN ACRYLIC STAND. WITH 'LEAD' AND 'ALUMINIMUM' ABSORBENTS