Model 2200
General Purpose Scaler/Ratemeter

FEATURES:
- General Purpose Scaler/Ratemeter
- Single Channel Analyzer
- Supports Wide Range of External Detectors
- 95–250 Vac Power Input
- Portable Battery Operation
- Benchtop and Portable Applications
- Rugged Construction
- RS-232 Interface to Printer or PC

SPECIFICATIONS:

DETECTORS: GM, proportional, scintillation
CONNECTOR: series “C” (others available)
SCALER: six-digit LED display providing a range of 0–999999 counts
SCALER LINEARITY: reading within 2% of true value
TIMER: pushwheel adjustment from 0–999 minutes with selectable x0.1 and x1 multipliers
RATEMETER: 0–500,000 cpm total range
METER DIAL: 0–500 cpm, 0-2.5 kV, BAT TEST
MULTIPLIERS: x1, x10, x100, x1000
RATEMETER LINEARITY: reading within 10% of true value
RESPONSE: toggle switch for FAST (4 seconds) or SLOW (22 seconds), from 10% to 90% of final reading
ZERO: pushbutton to zero meter
HIGH VOLTAGE: adjustable from 200–2500 volts (will support 60-megohm scintillation loads)
THRESHOLD: adjustable from 1.00–10.00
WINDOW: adjustable from 0 to 10.0 above threshold setting (can be enabled or disabled)
DISCRIMINATOR: adjustable from 2–100 mV at threshold setting of 1.00
RS-232: 9-pin connector allowing for printer or computer interface
METER: 6.4 cm (2.5 in.) arc, 1 mA movement analog type
POWER: 95–250 Vac, 50–60 Hz or 4 “D” cell batteries
BATTERY LIFE: typically 120 hours with alkaline batteries (can be checked on meter)
TEMPERATURE RANGE: -20 to 50 °C (-4 to 122 °F), may be certified to operate from -40 to 65 °C (-40 to 150 °F)
SIZE: 21.6 x 12.7 x 21.6 cm (8.5 x 5 x 8.5 in.) (H x W x L), excluding handle
WEIGHT: 3.4 kg (7.5 lb), including battery

Optional Printer: Model L-4167-386