

# PYCKO SCIENTIFIC LIMITED

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Your Alternative  
To The Obvious

## Model 2200 -General Purpose Scaler/Ratemeter

- **General Purpose Scaler/Ratemeter**
- **Single Channel Analyzer**
- **Supports Wide Range of External Detectors**
- **95-250 VAC Power Input**
- **Portable Battery Operation**
- **RS-232 Interface to Printer or PC**



INDICATED USE: Single channel analyzing, gross counting

SUGGESTED DETECTORS: GM, proportional, scintillation

CONNECTOR: Series "C" (others available)

SCALER: 6 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 the 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 arc, 1 mA movement analogue type

POWER: 85 - 250 Vac, 50-60 Hz or 4 each "D" cell batteries

BATTERY LIFE: Typically 120 hours with alkaline batteries (battery condition can be checked on meter)

TEMPERATURE RANGE: -20° C to 50° C May be certified to operate from -40° C to 65° C

SIZE: 21.6 x 12.7 x 23.5 cm

WEIGHT: 3.1 kg without batteries