

MODEL 2200 Scaler/Ratemeter SCA



PART NUMBER:48-1651

- *6 Decade LED Display*
- *Single Channel Analyzer*
- *Ratemeter with Total Counting Range from 0 - 500,000 cpm*
- *Adjustable Scaler Count Time from 6 seconds - 990 minutes*

INDICATED USE: Gross sample counting; Single channel analyzing

COMPATIBLE DETECTORS: G-M, proportional, scintillation

CONNECTOR: Series "C" (others available)

SCALER: 6 digit LED display providing a range of 0 - 999999 counts

SCALER LINEARITY: Reading within plus or minus 2% of true value

TIMER: Thumbwheel adjustment from 0 - 999 minutes with selectable divisions of X0.1 and X1

RATEMETER: 0 - 500,000 cpm total range

METER DIAL: 0 - 500 cpm; 0 - 2.5 kV; BAT TEST

MULTIPLIERS: X1, X10, X100, X1000

LINEARITY: Reading within plus or minus 10% of true value with detector connected

RESPONSE: Toggle switch for FAST (4 seconds) or SLOW (22 seconds) from 10% to 90% of final reading

ZERO: Push button to zero meter

HIGH VOLTAGE: Adjustable from 200 - 2500 volts (will support 60 megohm scintillation loads)

THRESHOLD: Voltage sensitive; adjustable from 1.0 - 10.0

WINDOW: Adjustable from 0 - 10.0 above threshold setting (can be turned on or off)

DISC(Discriminator): Adjustable from 2 - 100 mV at a threshold setting of 1.0

RS-232: 9 pin connector allowing for printer, or software interface

POWER: 95 - 250 VAC 50 - 60 Hz single phase (less than 100 mA) or 4 each "D" cell batteries (housed in externally accessible compartments)

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

METER: 2.5"(6.4cm) arc, 1 mA analog type

CONSTRUCTION: Aluminum housing with beige powder coat paint

TEMPERATURE RANGE: -4° F(-20° C) to 122° F(50° C)

SIZE: 8.5"(21.6cm)H X 5"(12.7cm)W X 9.3"(23.5cm)L

WEIGHT: 6.9 lbs (3.1kg) w/o batteries



DISTRIBUTED BY:



Medi-Nuclear Corporation
3162 Martin Rd
Walled Lake, MI 48390
www.medinuc.com

1-800-423-4226
248-926-9500 direct
248-926-0400 fax
info@medinuc.com



Ludlum Measurements, Inc