

Ludlum Model 2241-RK Response Kit



DETECTORS: Model 44-9

Pancake G-M, Model 44-2 Gamma
Scintillator

DET1/DET2: A locking toggle
switch to allow for quick change
between two detector setups

CONNECTOR: Series "C" (others available on request)

AUDIO: Built in unimorph speaker with ON/OFF switch (greater than
60 dB at 2 feet)

ALERT/ALARM: Indicated by enunciator on display and audible tone

DISPLAY: 4 digit LCD display with 0.5"(1.3cm) high digits, separate
enunciators for display units, alert, alarm, low battery, detector
overload, counting overflow, and scaler counting

BACKLIGHT: Push-button to activate

RATEMETER: Can display in R/hr, Sv/hr, cpm, or cps when control
switch is in RATEMETER position

DISPLAY RANGE: Auto ranging from 0.0 R/hr - 9999 R/hr; 0.000
Sv/hr - 9999 Sv/hr; 0 cpm - 999k cpm; or 0 cps - 100k cps

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

SCALER: Activated by push-button in handle (count time adjustable
from 1 - 9999 seconds in 1 second intervals)

CALIBRATION CONTROLS: Accessible from front of instrument
(protective cover provided)

HIGH VOLTAGE: Adjustable from 200 - 2500 volts

DISCRIMINATOR: Adjustable from 2 - 100 mV

OVERLOAD: Indicated by OVERLOAD on display (adjustable
depending on detector selected)

RESET: Push-button to zero display, acknowledge and/or reset alarm

POWER: 2 each "D" cell batteries (housed in sealed compartment that
is externally accessible)

BATTERY LIFE: Typically 200 hours with alkaline batteries (low
battery indicated on display)

CONSTRUCTION: Cast and drawn aluminum with beige polyurethane
enamel paint

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

May be certified for operation from -40° F(-40° C) to 150° F(65° C)

SIZE: 6.5" (16.5 cm)H X 3.5" (8.9 cm)W X 8.5" (21.6 cm)L

WEIGHT: 3.5 lbs (1.6 kg) including batteries
