

MODEL 3 Survey Meter w/Model 44-2 Gamma Scintillator

- INDICATED USE:** Gamma survey
SCINTILLATOR: 1" diameter X 1" (2.5 X 2.5 cm)
thick NaI(Tl) crystal
SENSITIVITY: Typically 175 cpm/ μ R/hr (^{137}Cs gamma)
ENERGY RESPONSE: Energy dependent
METER DIAL: 0 - 5k cpm; 0 - 2 mR/hr,
BAT TEST (*others available*)
MULTIPLIERS: X0.1, X1, X10, X100
LINEARITY: Reading within $\pm 10\%$ of true value
AUDIO: Built in unimorph speaker with ON/OFF
switch (*greater than 60 dB at 2 feet*)
CALIBRATION CONTROLS: Accessible from
front of instrument (*protective cover provided*)
RESPONSE: Toggle switch for FAST (4 seconds) or
SLOW (22 seconds) from 10% to 90% of
final reading
RESET: Pushbutton to zero the meter
POWER: 2 each "D" cell batteries (*housed in sealed
compartment that is externally accessible*)
BATTERY LIFE: Typically 2000 hours with alkaline batteries
(*battery condition can be checked on meter*)
METER: 2.5" (6.4cm) arc, 1 mA analog type
CONSTRUCTION: Cast and drawn aluminum with beige polyurethane enamel paint with
sub-surface printed front panel
TEMPERATURE RANGE: -4°F to 122°F (-20°C to 50°C)
May be certified for operation from -40°F to 150°F (-40°C to 65°C)
SIZE: Model 3 - 6.5" H X 3.5" W X 8.5" L (16.5 X 8.9 X 21.6 cm)
Model 44-2 - 2" diameter X 7.3" L (5.1 X 18.5 cm)
WEIGHT: Model 3 - 3.5 lbs(1.6 kg) including batteries
Model 44-2 - 1 lb (0.5kg)



Part Number: 48-1605
Part Number: 47-1532

 **Ludlum Measurements, Inc.**