

Long term
reputation in
the medical
industry.

Assurance we
will offer
competitive
pricing.

Customer
service #1
priority.

One Stop.

LACO Inc.

can do it all!

Ludlum Model 192 MicroR Meter PART NUMBER:48-2945

- **4 Ranges**
- **Automatically Adjusting Alarm Setting**
- **Micro-processor based**
- **Built-In 2" X 1" NaI (Tl) Gamma Scintillator**
- **Total Counting Range from 0 - 5,000 μ R/hr**



INDICATED USE: Low level (microR) gamma survey
DETECTOR: 2" X 1" sodium iodide (NaI)Tl scintillator
SENSITIVITY: Typically 700 cpm/microR/hr (*Cs-137 gamma*)
ENERGY RESPONSE: Energy dependent
METER DIAL: 0 - 5 microR/hr, BAT TEST (*others available*)
MULTIPLIERS: X1, X10, X100, X1000

LINEARITY: Reading within plus or minus 10% of true value
ALARM: The Model 192 has a dual action alarm.

1. A fixed alarm point can be set at any point from 10% of full scale to full scale, and is indicated by a constant audible tone, and the lamp turning on.
2. A quick deviation alarm that is based on background radiation levels. When the instrument is turned on, it takes an 8 second measurement of background radiation levels and determines a deviation alarm setting. If the radiation level exceeds this setting, the alarm audio will beep every 1/8 second, and the lamp will flash.

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: Push-button to zero meter, and also re-accumulate background data and recalculate the alarm deviation.

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

BATTERY LIFE: Typically 600 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

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: 7.8"(19.8 cm)H X 3.5"(8.9 cm)W X 8.5"(21.6 cm)L

WEIGHT: 4.5 lbs(2.1 kg) including batteries