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**Ludlum  
Model 19 MicroR Meter  
PART NUMBER:48-1615**

- **Built-In 1" X 1" NaI(Tl) Gamma Scintillator**
- **Splashproof Shields**
- **5 Ranges**
- **Total Range from 0 - 5,000  $\mu$ R/hr**



**WORKING ENVIRONMENT:** Splash proof shields for outdoor use

**INDICATED USE:** Low level (microR) gamma survey

**DETECTOR:** 1" X 1" sodium iodide (NaI)TI scintillator

**SENSITIVITY:** Typically 175 cpm/microR/hr (137Cs gamma )

**ENERGY RESPONSE:** Energy dependent

**METER DIAL:**0 - 25 microR/hr, 0 - 50 microR/hr, BAT TEST

**RANGE SELECTIONS:** 0 - 25, 0 - 50, 0 - 250, 0 - 500, 0 - 5000 microR/hr

**LIGHT:** Push-button to activate

**LINEARITY:** Reading within plus or minus 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:** Push-button to zero meter

**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

### Common Meter Dial



262-016



262-708