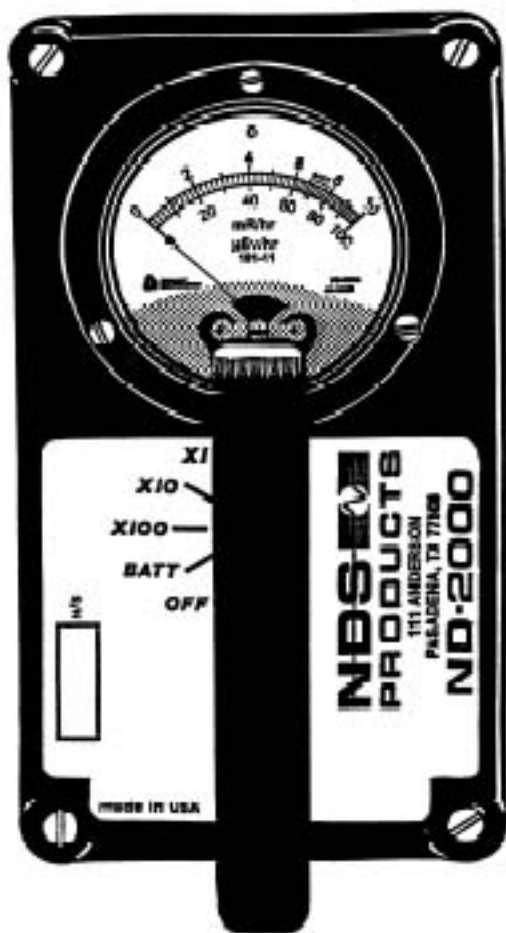




ND-2000

3 RANGE, 0-1000 MR/HR
WATERPROOF RADIOGRAPHIC SURVEY METER



NDS PRODUCTS



FEATURES:

- DETECTS GAMMA AND X-RAY
- RUGGED, WATERPROOF, DUSTPROOF, NYLON REINFORCED FIBERGLASS CASE
- DROP TESTED FROM A DISTANCE OF 1 METER (ONTO CONCRETE) IN EXCESS OF 20 TIMES WITH NO DAMAGE OR FAILURES.
- BATTERY /HIGH VOLTAGE TEST POSITION ON RANGE SWITCH
- LARGE, RUGGEDIZED, METAL, 3.5 INCH METER INDICATOR
- USES 9 "D" CELL BATTERIES PROVIDING OVER 500 HRS OF CONTINUOUS USE (ALKALINE)
- FULLY TRANSISTORIZED
- REGULATED HIGH AND LOW VOLTAGE
- OPTIONAL AUDIBLE SPEAKER WITH OFF-ON SWITCH FOR AURAL MONITORING (ND-2000A)
- OPTIONAL GAMMA REMOTE PROBE WITH CABLE AVAILABLE (ND-2000P)

SPECIFICATIONS

RANGES - DUAL SCALE.....	0 - 1000, 0 - 100, 0 - 10 mR/hr 0-10,000; 0-1,000; 0-100 uSv/hr
EFFICIENCY.....	WITHIN 10% OF FULL SCALE AT STANDARD TEMPERATURE OVER OPERATING RANGE
ENERGY RESPONSE.....	GAMMA AND X-RAY FROM 80- 1500 KeV, +/- 20%
SATURATION.....	IN EXCESS OF 1000 R/HR WHEN CALIBRATED AND PROPERLY MAINTAINED
ENVIRONMENTAL EFFECTS.....	HUMIDITY LIMITS: 0-99% NON-CONDENSING
TEMPERATURE LIMITS.....	-30 DEGREES C to +50 DEGREES C (EXCLUDING BATTERIES)
DETECTOR.....	HALOGEN QUENCHED, ENERGY COMPENSATED GEIGER MUELLER TUBE EFFECTIVE LENGTH AND DIAMETER: 0.625 INCH x 0.194 INCH WALL THICKNESS: 90 mg/cm SQUARED
CONTROLS.....	5 POSITION ROTARY RANGE SWITCH: OFF; X-100; X-10; X-1; and BATTERY/HIGH VOLTAGE TEST
CALIBRATION CONTROLS.....	INDIVIDUAL POTENTIOMETERS FOR ADJUSTMENT OF EACH RANGE
CALIBRATION PRECISION.....	WITHIN 10% WHEN CALIBRATED WITH Cs-137
RESPONSE TIME.....	90% OF FINAL READING WITHIN 10 SECONDS
ISOTROPISM.....	WITHIN 2% OF FULL SCALE IN ANY ORIENTATION
DIMENSIONS.....	4.4 INCHES WIDE x 7.75 INCHES LONG x 8.25 INCHES HIGH (INCLUDES HANDLE)
WEIGHT.....	3 POUNDS, 13 OUNCES / 1.73 KILOGRAMS (INCLUDING BATTERIES)

NDS PRODUCTS