

W.B. JOHNSON GSM-115

MICROPROCESSOR SURVEY METER with ENERGY COMPENSATED GM PROBE

The GSM-115 with the GP-1002 Energy Compensated GM Probe provides a rugged, accurate, yet cost-effective solution for radiation measurement. The GP-1002 achieves good energy response from 50 keV to 1.5 MeV. Microprocessor-based digital circuitry is stable and reliable. The ruggedized analog meter provides a familiar, easy to read display of contamination and dose rate.

- *Analog readout, microprocessor digital circuitry*
- *Linearizes the dose response of detector*
- *Measures contamination & dose*
- *Measures gamma dose to 2 R/hr*
- *Long life halogen GM detector*
- *Supports all Johnson GM & scintillation probes*
- *Nylon coated stainless steel probe clip*
- *Heavy duty cast aluminum & stainless steel*

SPECIFICATIONS:

Survey Meter:

Ranges: 0-2, 0-20, 0-200 & 0-2000 mR/hr
0-500, 0-5000, 0-50,000 & 0-500,000 cpm
CPM or Dose selectable by internal switch
Separate calibration controls for each range

Panel Controls:

Function Selector: OFF, BATTERY, HV, X1000, X100, X10, X1
AUDIO ON / OFF
METER RESET
SLOW—FAST (meter response: 4 - 20 seconds)

High Voltage: 300 - 1300 VDC $\pm 1\%$ Stability

Panel Meter: High torque 2.5" analog with LED indicators for Probe Saturation and Low Battery

Calibration: Gamma Dose (Cs¹³⁷) Dead Time Compensated CPM

Audio Output: High efficiency piezoelectric, water and solvent proof

Power Supply: 2x 9V Alkaline batteries

Operating Time: 200 hrs nominal

Finish: Blue polyurethane enamel

Weight: 2¼ Pounds (1 kg) including batteries

Dimensions: 5½" (14 cm) H X 3" (7.6 cm) W X 7" (18 cm) L

Temperature Range: -20°F — 140°F
5% — 95% RH Non Condensing — IPX4

GP-1002 Energy-compensated GM Probe:

Range: 0—2,000 mR/Hr (without linearization)

Sensitivity: 500 CPM/mR/hr

Energy Response: 50KeV — 1.5MeV $\pm 15\%$

Operating Voltage: 535 VDC

Dimensions: 1" (2.5 cm) diameter x 6" (15.24 cm)

Weight: 4 ounces (.12 kg)

☑ **Tested.** Meets applicable standards.

Prices subject to change without notice.

J. Gravengard Corporation

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*GP-1002 Energy Compensated GM Probe
with epoxy & PVC coated aluminum housing.*

GSM-115EC Survey Meter Package 870.00
Includes GP-1002 Energy Compensated
Probe, mounted Cs137 check source,
cable, manual, and calibration certificate.

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Medical Imaging Sales & Service