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 ±1% Stability
Panel Meter: High torque 2.5" analog with LED indicators for Probe
Saturation and Low Battery
Calibration: Gamma Dose (Cs$^{137}$) 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 ±15%
Operating Voltage: 535 VDC
Dimensions: 1" (2.5 cm) diameter x 6" (15.24 cm)
Weight: 4 ounces (.12 kg)

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.

W.B. JOHNSON GSM-115

Prices subject to change without notice.

J. Gravengaard Corporation
PO Box 20171  Portland, Oregon  97294  Nationwide (800)796-SCAN  Local (503)255-0535  Fax (503)255-7047

www.jgravengaard.com  2008-10-31