

SYSTEME SPECIFICATIONS

GSM-115, 4 Range Survey meter

*Standard items provided with each system: survey meter, cable, batteries, operations and maintenance manual, & calibration certificate

- **GSM-115 4 Range Analog Survey Meter**
(probes not included)
- **PROBE COMPATIBILITY (standard):** **HP-265** (see next page)
- **PROBE COMPATIBILITY (also available):** GP-200, GLE-1, GP-1001, GP-1002, GSP-1, GSP-2, & ASP-2.
- **RANGES:** 0-.2, 0-2, 0-20, & 0-200 mR/hr or Sv Units 0-500, 0-5000 & 0-50,000, & 0-500,000 cpm
- VISUAL LOW BATTERY AND DETECTOR SATURATION INDICATORS
- ADJUSTABLE HIGH VOLTAGE 300 - 1300 vdc $\pm 1\%$
- INPUT SENSITIVITY 0.050 v p-p
- **LINEARITY** plus or minus 10% of true value
- TIME RESPONSE ADJUSTABLE 4 -20 SECONDS - 90% OF FULL SCALE
- AUDIO OUTPUT - WATER & SOLVENT PROOF
- POWER SUPPLY: Two 9 VDC ALKALINE
- 2.5" RUGGEDIZED WATERPROOF PANEL METER
- **DIMENSIONS:** 5½" (14 cm) H X 3" (7.5 cm) W X 7" (18 cm)
- **WEIGHT:** 2 1/4 POUNDS (1 kg)
- HEAVY DUTY CAST ALUMINUM & STAINLESS STEEL
- ENVIRONMENTALLY STABLE - 20°C to 60°C
- VERY MOISTURE RESISTANT



Quality NDE Ltd 164 St-Jean Baptiste, Mercier, QC Canada J6R 2C2
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SYSTEM SPECIFICATIONS
GSM-500 4 Range
Microprocessor Survey Meter

*Standard items provided with each system: survey meter, cable, batteries, operations and maintenance manual, & calibration certificate



GSM-500 4 Range Microprocessor Survey Meter (probes not included)

FULL AUTO-RANGING Integrate & Peak Hold Operating Modes

SIMULTANEOUS CALIBRATION, CPM AND DOSE.

AUTO DOSE LINEARIZATION OF EACH PROBE (based on Cs137 Cal.)

- **PROBE COMPATIBILITY:** GP-200, HP-265, GLE-1, GP-1001, GP-1002, GSP-1, GSP-2, & ASP-2.
- **RANGES:** 0-.2, 0-2, 0-20, & 0-200 mR/hr or Sv Units 0-500, 0-5000 & 0-50,000, & 0-500,000 cpm
- **DIAGNOSTICS:** VISUAL LOW BATTERY, DETECTOR SATURATION & HV OUT OF RANGE INDICATORS
- ADJUSTABLE HIGH VOLTAGE 300 - 1300 vdc $\pm 1\%$
- INPUT SENSITIVITY 0.050 v p-p
- LINEARITY readings within plus or minus 10% of true value
- TIME RESPONSE: OPTIMIZED FOR EACH RANGE
- AUDIO OUTPUT - WATER & SOLVENT PROOF
- POWER SUPPLY: 2--- 9 VDC ALKALINE
- 3.5" RUGGEDIZED WATERPROOF PANEL METER
- **DIMENSIONS:** 5½" (14 cm) H X 4" (10 cm) W X 7" (18 cm)
- **WEIGHT:** 2 1/4 POUNDS (1 kg)
- HEAVY DUTY CAST ALUMINUM & STAINLESS STEEL
- ENVIRONMENTALLY STABLE - 20oC -- 60oC
- VERY MOISTURE RESISTANT

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GM & SCINTILLATION PROBES

Model HP-265



- **COMPATIBILITY:** GSM-110, GSM-115, GSM-500, GSM-505 & RML-200
- Excellent general purpose detector. Sensitive to most alpha, beta, and gamma radiation. Measures ^{14}C , ^{32}P , ^{35}S & ^{137}Cs , with high efficiency. Best GM contamination monitor.
- **OPERATING VOLTAGE:** 900 vdc
- **WINDOW THICKNESS:** 1.6mg/cm^2
- **RANGE:** 20 mR/hr (Based on ^{137}Cs calibration) 0-500,000 cpm
- **CPM/mR/hr (^{137}Cs):** 2,500
- **ENERGY RESPONSE:** 3.5 MeV alpha-2 MeV gamma-100 keV beta
- **SENSITIVE AREA:** 14cm^2
- **FINISH:** Polyurethane Coated Aluminum
- **DIMENSIONS:** 2.75" dia. X 11" long
- **WEIGHT:** 16 ounces
- **ENVIRONMENTAL:** -20°C to 60°C
- 5% - 95% RH non-condensing---IPX4

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GM & SCINTILLATION PROBES

Model GSP-1



1" x 1" GAMMA SCINTILLATION

Very good moderate energy gamma detector. Good energy response from 50 keV to 2 MeV. Good for single channel analyzer detector

- **COMPATIBILITY:** GSM-110, GSM-115, GSM-500, GSM-505, RML-200 & DIG-6
- 200 CPM/ μ R/hr
- Magnetically Shielded & Shock Mounted Background
- Rugged aluminum housing with magnetic shielding- BNC connector for easy field replacement.
- Gamma Scintillation
- **OPERATING VOLTAGE:** 900 vdc
- **DETECTOR CRYSTAL:** 1" (2.5 cm) x 1" Sodium Iodide (NaI)
- **WINDOW:** 35 mg/cm²
- **NOMINAL BACKGROUND:** 1,800
- **ENERGY RESPONSE:** 50 keV-2 keV gamma
- **SENSITIVE AREA:** 1" (2.5 cm) X 1"
- **FINISH:** Polyurethane & PVC coated aluminum housing
- **DIMENSIONS:** 1 7/8" (4.75 cm) dia. X 6" (15.2 cm) long
- **WEIGHT:** 8 ounces (.23 kilos)
- **ENVIRONMENTAL:** -20° -- 60°C
5% - 95% RH non-condensing---IPX4

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