FEATURES:
- SEES 1 nanoCi in one minute
- SEES 0.1 nanoCi in ten minutes
- LARGE VOLUME SCINTILLATOR DETECTOR
  - MAX 1 LITER SAMPLE CAVITY
- 2” LEAD SHIELDING IN ALL DIRECTIONS
- BACKGROUND SUBTRACTION
- USER SETTABLE DISPLAY µCi OR Bq
- MCA GAMMA SPECTRUM ELECTRONICS
- ON BOARD ARCHIVE AND RETRIEVAL
- USB & ETHERNET PORTS
- OPTIONAL – DIGITAL PRINTER

APPLICATION:
Measure minute quantities of radioactive contamination in all sample types of:
- FOOD
- COSMETICS
- OTHER SAMPLE TYPES
Presetting controls for six isotopes of greatest interest allows rapid processing of samples and prevents confusion. User settable display in µCi or Bq.

Highest Sensitivity on 1 Liter Samples.

SYSTEM DESCRIPTION:
- One Liter Capacity Scintillation Well Detector
- Shielding for Detector
- Multichannel Electronics
- Pulse Height Analyzer
- Power, Bias Supply
- Timer
- Counter

SYSTEM DESCRIPTION:
- Digital Display
- Six Presets for:
  - Selected Isotopes
  - Analyzer Settings
  - Calibration Factors
  - MCA Settings
  - Background Memory Buffers
- 6 Simultaneous Readouts
FOOD & COSMETIC MONITOR
Model ~ FLG-9000

SPECIFICATIONS:

ELECTRONICS:
- Power Supply Module: MVR-5.12.24
- Monitor: FM-9 7” Color
- Multi Channel Analyzer: MCA-TA with Background Subtract
- Case: Easy Clean with all Cables

DETECTOR:
- PGS-9000: 1 Liter Capacity Scintillation Well Detector
- Shielding: LS-55XW: Welded metal housing for lead, supplied empty for local filling with solid lead or lead shot.

WEIGHT AND DIMENSIONS:
- Detector:
  - PGS-9000: 20” H x 9” Outside Diameter.
  - Detector Cavity: 4.75” Diameter x 5” Deep
  - Weight: 20 lbs Without Lead Fill
- Electronics:
  - MCA-TA: 21” W X 11” H X 15.5” D
  - Weight: 25 lbs

OPTIONS:
- MRR-5FL: Digital Printer
- D-VOC: Volatile Organic Compound “Fume” Detector
- STAM-2: Alpha Emitter Sample Counter