FOOD MONITOR
Model # FL-9000
Model # FLG-9000

FEATURES:

•1nanoCi IN ONE MINUTE
•0.1nanoCi IN ONE TEN MINUTE
•MEASURES MAX 1 LITER SAMPLES
•DISPLAYS ACTIVITY DIRECTLY IN µCi or Bq
•SIX PRESELECTED ISOTOPES
•SIX PRESELECTED ANALYZER SETTINGS
•SIX PRESELECTED CALIBRATION FACTORS
•DIGITAL PRINTER - OPTIONAL
•2" LEAD SHIELDING - ALL DIRECTIONS
•LARGE VOLUME SCINTILLATION DETECTION
•BUILT-IN DATA-LOGGER

APPLICATION: Measuring minute quantities of radioactive contamination in all types of food stuffs or other bulk samples. Presetting of controls for six isotopes of greatest interest allows more rapid through-put of samples and prevents confusion of constantly resetting controls for different isotopes. Displays answer directly in µCi or Bq.

GENERAL DESCRIPTION: System includes;
•One liter capacity scintillation well detector,
•Shielding for detector, and electronic package of preamps,
•Pulse height analyzer,
•Power, bias supply,
•Timer,
•Counter,
•Digital display and six presets for each of the following:
SCA settings,
Background memory buffers,
Calibration factors.

SPECIFICATIONS

System Components:

•**Electronics:**
MVR-5.12.24 - Power Supply Module
MPT-PC - 7" Color LCD monitor built-in for digital and graphic user data display and built-in Data Logger.
FLC-56 - Six Channel Analyzer, Background Subtract and Calibration Module
Instrument case and all interconnecting cables.
•**USB**: Interface to other computers.
•**Detector Assembly:** PGS-F9000 - One liter scintillation well counter detector.
•**Load Shield:** LS-55X - Steel encased 2" lead shield with 4Pi shielding.
•**OPTIONS:**
LS-55XW - Welded steel housing for lead, but supplied empty for local filling with solid lead or lead shot.
ETHERNET - And other computer outputs.
MRR-5FL - Digital Printer Module
* ***Model FLG-9000***, same as **FL-9000**, except six simultaneous measurements and readout.