

# FOOD & COSMETIC MONITOR

## 食品&化妆品监测器

Model ~ FLG-9000

### FEATURES: 特点

- SEES 1 nanoCi IN ONE MINUTE
- 一分钟内可见 1 纳居 (nanoCi)
- SEES 0.1 nanoCi IN TEN MINUTES
- 10 分钟可见 0.1 nanoCi
- LARGE VOLUME SCINTILLATOR DETECTOR  
MAX 1 LITER SAMPLE CAVITY
- 大容量闪烁探测器, 样品最大容量 1 升
- 2" LEAD SHIELDING IN ALL DIRECTIONS
- 全方位 2"铅屏蔽
- BACKGROUND SUBTRACTION
- 本底扣除

USER SETTABLE DISPLAY:  $\mu$ Ci OR Bq

- 用户设定显示, 单位  $\mu$ Ci 或 Bq
- MCA GAMMA SPECTRUM ELECTRONICS
- MCA 伽马能谱电子学
- ON BOARD ARCHIVE AND RETRIEVAL
- 机载存档与检索
- USB & ETHERNET PORTS
- USB&以太网接口
- OPTIONAL - DIGITAL PRINTER
- 可选项-数字打印机



MCA-TA

MULTICHANNEL ANALYZER ELECTRONICS



PGS-9000 - 1 LITER LARGE VOLUME  
SCINTILLATION DETECTOR

### APPLICATION: 应用

Measure minute quantities of radioactive contamination in all sample types of:

测量以下样品微量辐射污染

- FOOD 食物
- COSMETICS 化妆品
- OTHER SAMPLE TYPES 其它样品

Presetting controls for six isotopes of greatest interest allows rapid processing of samples and prevents confusion. User settable display in  $\mu$ Ci or Bq.

制预设最感兴趣的 6 种核素允许检测样快速通过检测, 防止因经常设定不同核素而引起混淆。显示单位  $\mu$ Ci 或 Bq

**Highest Sensitivity on 1 Liter Samples.**

**1 升样品灵敏度最高**



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Divisions of



US NUCLEAR CORP

7051 Eton Ave., Canoga Park, CA 91303  
818-883-7043 (Phone) 818-883-6103 (Fax)

[tagold@nwc.net](mailto:tagold@nwc.net)

[WWW.TECH-ASSOCIATES.COM](http://WWW.TECH-ASSOCIATES.COM)

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Model ~ FLG-9000

### SYSTEM DESCRIPTION: 系统描述

- One Liter Capacity Scintillation Well Detector
- 1 升容量闪烁探测井探测器
- Shielding for Detector
- 探头屏蔽
- Multichannel Electronics
- 多道电子学
- Pulse Height Analyzer
- 脉冲高度分析仪
- Power, Bias Supply
- 电源, 偏置电源
- Timer
- 定时器
- Counter
- 计数器

### SYSTEM DESCRIPTION: 系统描述

- **Digital Display**
- 数字显示
- Six Presets for: 6 种预设:
  - Selected Isotopes
  - 选定核素
  - Analyzer Settings
  - 分析仪设定
  - Calibration Factors
  - 标定因数
  - MCA Settings
  - 多道分析仪设定
  - Background Memory Buffers
  - 本底记忆缓存
- 6 Simultaneous Readouts
- 同时显示 6 个读数

### SPECIFICATIONS: 规格

#### ELECTRONICS: 电子学

Power Supply Module:	MVR-5.12.24
电源模块:	
Monitor:	FM-9 7" Color
显示器:	FM-9 7" 彩屏
Multi Channel Analyzer:	MCA-TA with Background Subtract
多道分析仪:	MCA-TA 本底扣除功能
Case:	Easy Clean with all Cables
外箱:	容易清理

#### DETECTOR: 探头

PGS-9000:	1 Liter Capacity Scintillation Well Detector
	1 升闪烁井探测器
Shielding:	LS-55XW: Welded metal housing for lead, supplied empty for local filling with solid lead or lead shot.
屏蔽:	LS-55XW: 铅焊接金属箱, 可提供空箱用于当地填充固体铅或铅粒

#### WEIGHT AND DIMENSIONS:

Detector: 探测器: 重量和尺寸:



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PGS-9000 20" H x 9" Outside Diameter.  
外径 9" x 20" 高

Detector Cavity: 4.75" Diameter x 5" Deep  
探头腔: 直径 4.75" x 深 5"

Weight: 20 lbs Without Lead Fill  
重量: 无铅情况下 20 磅

**Electronics:** 电子学

MCA-TA 21" W X 11" H X 15.5" D

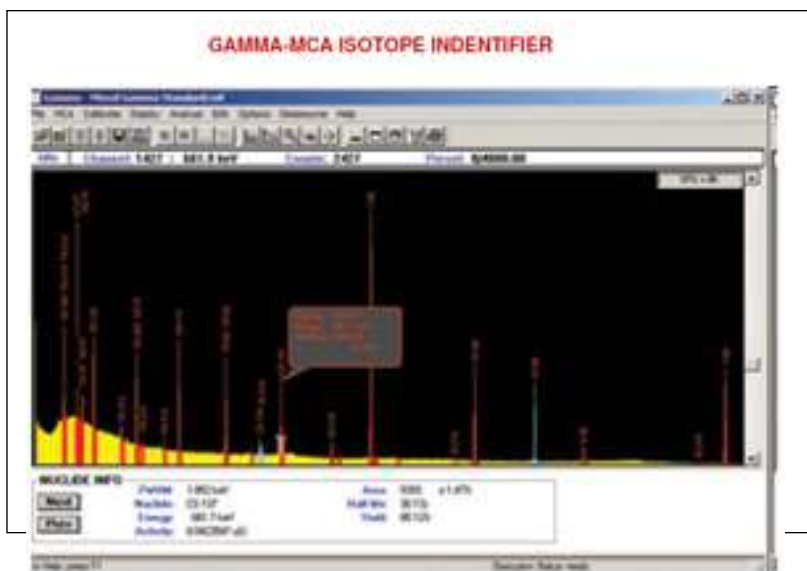
Weight: 25 lbs

### OPTIONS: 选项

MRR-5FL: Digital Printer  
数字打印机

D-VOC: Volatile Organic Compound "Fume" Detector  
挥发性有机化合物 "气味" 探测器

STAM-2: Alpha Emitter Sample Counter  
 $\alpha$  发射体样品计数器



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