

PORTABLE – GAMMA FRISKER GM 2

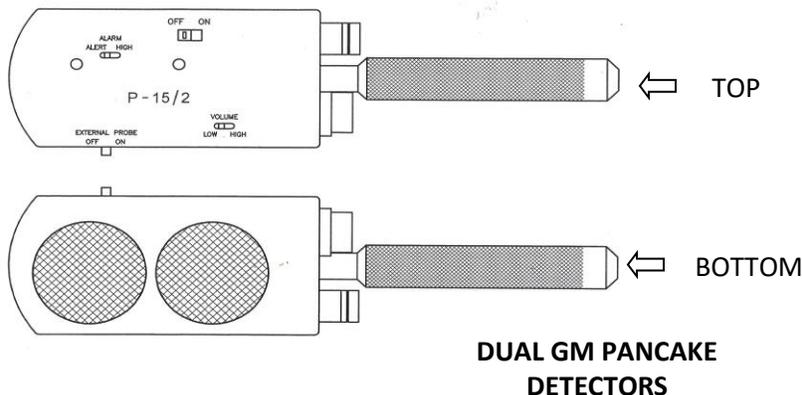
Model ~ FRISKER GM 2

FEATURES:

- PORTABLE
- DETECTS GAMMA
- DIGITAL DUAL DISPLAY
- 2 SEPARATE SCALE FACTORS FOR RATE & TOTAL
- 0.1-99 sec TIME CONSTANT FOR RATEMETER
- 8 DIGIT LCD DISPLAY
- USER ADJUSTABLE ALARM - AUDIO/VISUAL
- BATTERY POWER; **OPTIONAL**: RECHARGEABLE BATTERIES
- TWO GM PANCAKE SENSORS
- P-15/2 GM SENSOR WITH HANDLE
- USB PORT - **OPTIONAL**: RS-232 SERIAL PORT
- **CE MARK**; IP64



PRS-2
ELECTRONICS



APPLICATION:

The **FRISKER GM 2** is a lightweight Digital Ratemeter / Scaler using PRS-2 electronics. It is a portable probe with dual pancake GM sensors and handle, perfect for field use. Battery operated.

DESCRIPTION:

The **PRS-2** is a multi-purpose lightweight Scaler with internal replaceable battery.

- Includes a digital ratemeter operating mode presenting 6 full decades of accurate readout without switching.
- The **PRS-2** is a sturdy portable instrument incorporating both scaler and ratemeter functions.
- Gate time for the scaler is free running mode.
- Readings directly in mR/hr or other units can be made by choosing correct scaling factors for electronics and material being monitored.



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PORTABLE – GAMMA FRISKER GM 2

Model ~ FRISKER GM 2

SPECIFICATIONS HSM-P-20

Detector: (2) T-1190 GM Pancake sensors in hand held Frisker.
Quick Disconnect
Detector Bias Supply: 900 V DC regulated and filtered.

SPECIFICATIONS PRS-2S:

Electronics – PRS-2S

- Dual Display; Reads Out From 2 Separate Sensors Simultaneously
- 2 Separate Scale Factors For Rate & Total
- Digital Read Out; No Range Switching Required
- Engineering Units Use Specified
- High Voltage 400v-1200v Dc
- 0.1-99 Sec Time Constant For Ratemeter – Front Panel Control
- 8 Digit Lcd Display
- Alarm - Audio/Visual (User Adjustable)
- USB Port
- CE Mark; IP64

Power: Batteries: 6 AA cells or AC Adapter.

Battery Life: 100 hours with Alkaline cells (200 hours with - Lithium cells).

Construction: All plug-in circuit cards, essentially no wires. Rugged, lightweight.

Temperature: 14° F to 122° F (-10° C to 40° C)

DETECTORS:

Energy Range: 100 KeV to 2 MeV

Protection: Mylar sheath and Stainless-Steel mesh

Accuracy: >±5 %

Dimensions & Weight:

- **Electronics:** 3.25" D x 4.25 W x 7.25" H.
Weight: 2 lbs
- **Dual GM Detector:** 6" L x 3.5" W x 1" H (No Handle)
17.5" L x 3.50" W x 1" H (With Detachable Handle)
Weight: 2 lbs

Digital Display	RATEMETER	SCALER
Range	6 digit LCD	8 digit LCD
User Settable Scale Factor	0.1 - 20,000 count/sec	0-10,000,000 Total counts
Time Constant	0.01 to 99 seconds Display Refresh Rate	Free Running



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