

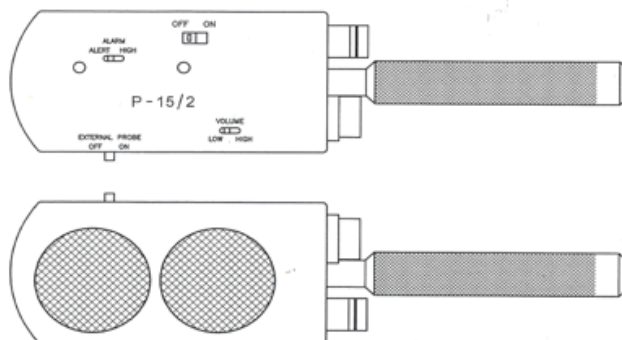


PRS-2 Electronics



Portable – Gamma Frisker GM 2

Model Frisker GM 2



Dudual GM Pancake
Detectors

Features

- Portable
- Detects Gamma
- Digital Dual Display
- 2 Separate Scale Factors for Rate and 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**

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 and 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**

Detections

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 and 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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