

# PORTABLE BETA-GAMMA HAND, SHOE, BODY MONITOR

Model ~ HSB-P-20

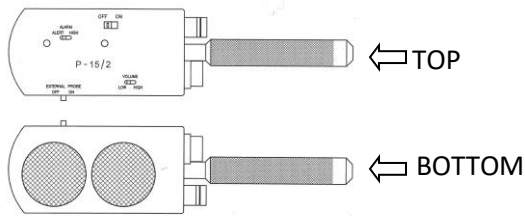
## FEATURES:

- PORTABLE
- DIGITAL DUAL DISPLAY
- 2 SEPARATE SCALE FACTORS FOR RATE & TOTAL
- 0.1-99 sec TIME CONSTANT FOR RATEMETER
- 8 DIGIT LCD DISPLAY
- ALARM - AUDIO/VISUAL
- BATTERY POWER; **OPTIONAL:** RECHARGEABLE BATTERIES
- TWO DETECTORS (4 TOTAL SENSORS)
  - ONE HAND & CLOTHING P-15/2 GM SENSOR WITH HANDLE
  - ONE FOOT PROBE WITH (2) T-1190 GM PANCAKE SENSORS
- RUGGED CARRYING CASE
- **OPTIONAL:** ALPHA, BETA, GAMMA DETECTION
- **OPTIONAL:** RS-232 SERIAL PORT
- **CE MARK; IP64**



HSB-P-20

CE ELECTRONICS



**HAND & BODY DETECTOR  
(2) P-15/2 SENSORS**



**SHOE DETECTOR  
(2) T-1190  
SENSORS**

## APPLICATION:

The **HSB-P-20** is a lightweight portable shoe, hand & clothing detectors perfect for field use. It uses the PRS-2 electronics used as both a Digital Ratemeter / Scaler.

- 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 the scaler and the ratemeter.



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## SPECIFICATIONS PRS-2S:

- Detector:** (2) P-15 GM/2 sensors in hand and clothing detector.  
(2) T-1190 GM Pancake sensors in foot detector.  
Detector connector: BNC - Standard  
Detector Bias Supply: 900 V DC regulated and filtered - other voltage levels-optional.
- PRS-2S:** Reads out from 2 separate probes simultaneously
- Alarm:** Audio / Visual
- Temperature:** -10 C° to 40° C
- Power:** Batteries: 6 AA cells or optional in-place rechargeable batteries.
- Battery Life:** 100 hours with Alkaline cells (200 hours with - Lithium cells).
- Construction:** All plug-in circuit cards, essentially no wires. Rugged, lightweight

### Dimensions:

**Electronics:** 3-1/4" Deep, 4-1/4 Wide, 7-1/4" High.

**Foot Detector:**

**Hand & Body Detector:**

**Carrying Case:**

**Total Weight:** lbs.

- Options:** RS-232 serial port  
Alpha, Beta, Gamma Detectors  
Rechargeable Batteries & AC Charger

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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