



# Floor and Tabletop Survey Monitors Alpha Plus Beta-Gamma

**Model Series: ABPS-6 Scintillation**

**ABPS-6-F Floor Survey and ABPS-6-T Tabletop Survey**

## Features

- Large Area Survey Monitor
- Separates Alpha From Beta-gamma
- Dual Display
- Floor Or Tabletop Survey Monitor
- (1) Plastic Scintillation Sheet – 600 in<sup>2</sup>
- Detects Alpha and Beta
- Fast And Sensitive
- Digital Readout
- Output For Data
- Rugged
- Built-in Speaker
- Easy Decontamination
- Mounted On Casters

## Description

Alpha plus Beta Gamma Floor and Tabletop Survey Monitor, Models

**ABPS-6 F** and **ABPS-6 T**

- Simple conversion from floor to tabletop monitor
- Window is protected by a frame and grid which is easily removed for decontamination.
- Very large total surface sensitive area.
- PRS-2S electronics: Digital dual display for Beta-Gamma and net Alpha.

## Specifications

**ABPS-6:**

**Detector:**

**Plastic Scintillation Sheet**

600 in<sup>2</sup> Alpha-Beta Window

Sees Alpha plus all common Betas except H-3.

**Range:**

1 to 25K cps

**Alarm:**

Settable for each channel; separate red LED's, shared audio alarm

**Handles:**

Adjustable height above floor. Adjustable handle, minimum 43" (110 cm) height. Easy transition from floor, unscrew broom type handle, convert to tabletop model with built in handhold handles.



Alpha

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Beta

**PRS-2S Electronics**



## TECHNICAL ASSOCIATES OVERHOFF TECHNOLOGY

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- Handles:** Adjustable height above floor.  
Adjustable handle, minimum 43" (110 cm) height  
Easy transition from floor model ABPS-6-F to ABPS-6-T. Unscrew broom type handle, convert to tabletop model with built in built-in handles.

### PRS-2S Electronics

- Portable or Bench Top
- Dual Digital Display Battery Operation
- 2 Separate Scale Factors for Rate and Total
- 0.1-99 Sec Time Constant for Ratemeter
- 8 Digit LCD Display
- Alarm - Audio/Visual
- Bring Your Own Stop Watch, Ideal for Long Count - Up to 24 Hours or More
- Any GM or Scintillation Alpha, Beta, Gamma, X-Ray, Positron Detector.
- USB Optional: RS-232 Serial Port
- Optional: Pre-Amplifier
- CE MARK; IP64
- Reads out from 2 separate probes simultaneously. No energy discrimination.

- Alarm:** Audio / Visual, Low Battery Warning
- 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:** 3-1/4" H, 4-1/4" W, 7-1/4" long excluding probe holder and handle.
- Weight:** 2 lbs.
- Options:** - RS-232 serial port - Other connectors; MHV etc.  
- Pre-amp for proportional detectors - In-place rechargeable batteries



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