

FLOOR and TABLETOP SURVEY MONITORS ALPHA plus BETA-GAMMA

Model Series~ ABPS-6 Scintillation

ABPS-6-F Floor Survey ~ ABPS-6-T Tabletop Survey

FEATURES:

- LARGE AREA SURVEY MONITOR
- FLOOR OR TABLETOP SURVEY MONITOR
- (1) PLASTIC SCINTILLATION SHEET – 600 in²
- DETECTS ALPHA & BETA
- FAST AND SENSITIVE
- EASY SEPARATION – SENSOR PLATFORM AND ELECTRONICS CREATING THE **ABPS-6-T** TABLETOP SURVEY MONITOR
- CONVENIENT HANDLES FOR THE **ABPS-6-T**
- PRS-2S ELECTRONICS – ON HANDLE - **ABPS-6-F**
 - SEPARATES ALPHA FROM BETA-GAMMA
 - DUAL DISPLAY
 - DIGITAL READOUT
 - USB **OPTIONAL**: RS-232 SERIAL PORT
 - RUGGED
 - ALARM - AUDIO/VISUAL
 - EASY DECONTAMINATION
 - MOUNTED ON 4 BALL BEARING CASTERS
 - **CE MARK; IP64**



ABPS-6-SERIES SURVEY MONITORS



ALPHA
←
←
BETA

PRS-2S
ELECTRONICS

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.



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SPECIFICATIONS:

ABPS-6:

Detector: Plastic Scintillation Sheet

600 in² 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 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 & 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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