

# Digital Ratemeter /Scaler Dual Display

Ideal Readout for Dual Alpha-Beta Detectors

## Model PRS-2S and Model PRS-2F

### Specifications

<b>Detector:</b>	Mates with GM Probes or scintillation detectors. Detector connector: BNC - Standard Detector Bias Supply: 400 V DC to 1200 V regulated and filtered - other voltage levels-optional.
<b>PRS-2S:</b>	Reads out from 2 separate probes simultaneously No energy discrimination
<b>PRS-2F:</b>	Reads out from 2 separate probes simultaneously Energy discrimination
<b>Alarm:</b>	Audio / Visual, Low Battery Warning
<b>Temperature:</b>	-10 C° to 40° C
<b>Power:</b>	Batteries: 6AA batteries or optional rechargeable batteries.
<b>Battery Life:</b>	100 hours with Alkaline cells (200 hours with - Lithium cells).
<b>Construction:</b>	All plug in circuit cards, essentially no wires. Rugged, lightweight
<b>Dimensions:</b>	3-1/4" H, 4-1/4 W, 7-1/4" long excluding probe holder and handle.
<b>Weight:</b>	2 lbs.
<b>Options:</b>	RS-232 serial port Pre-amp for proportional detectors Other connectors - MHV etc. In-place rechargeable batteries

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



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