



PRS-7



PRS-7-DSC

# Analyzing Rate Meter Scaler

**Portable**

**Model – PRS-7 and PRS-7-DSC**

## Features

- Single Channel Analyzer
- Detects: Alpha, Beta, Gamma, X-Ray, Tritium, Positron, Meson, Cosmic Rays – Depending on Detector Selected
- Power: AC and Rechargeable Battery and Charger
- Three Presettable Window Positions
- Switch Selectable; Six Decades
- Crystal Controlled
- Use With Any T/A GM, Proportional, or Scintillation Alpha, Beta, Gamma, X-Ray Neutron Probe
- Computer Interface RS-232;  
**Optional:** USB
- **IP65**
- Dual Single Channel Analyzer
- 2 Independent Detector Inputs
- Coincidence Circuit Signals if Both Detectors See A Pulse at the Same Time

## Description

- The **PRS-7** and **PRS-7-DSC** are sturdy portable instruments designed for rugged field use.

- Both integrate and ratemeter functions.
- Single channel analyzer with three presetable windows.
  - Variable high voltage 0-2000v.
  - All closures are gasket sealed to result in a splash proof instrument.
  - LCD style scaler readout.

The time base for integrate operation is user settable. The **PRS-7** and **PRS-7-DSC** accommodate pulses from all types of detectors including scintillators, proportional and GM detectors. Six digits are incorporated into the ratemeter.

The **PRS-7** and **PRS-7-DSC** provides focus on 1 or 2 isotopes even in the presence of others.

Gate times for the integrate mode may be set from 1 to 10,000 seconds. The integrate capability is particularly useful for increasing the accuracy of rate measurements and for operating optional printer.

Power switch and HV pot and other controls are designed to prevent inadvertent change. The audio output of the high level alarm is controlled by a volume mute switch.

Standard features include jack for AC adapter and serial output jack with optional USB adaptor. Yet the overall instrument, including all of these functions and battery life up to 1 week, weighs only 5 pounds.



## TECHNICAL ASSOCIATES OVERHOFF TECHNOLOGY

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