

Superior Universal Electronics

Model Series - PUG-7

Models – PUG-7-D, PUG-70-D, PUG -7-DF



PUG-7-D
DIGITAL

PUG-7
ANALOG

Features

- Accepts GM and Scintillation Probes
- Alpha, Beta, Neutron, X-Ray or Gamma
- Portable
- Battery Operated
- Digital
- Five Decades
- No Range Switching Required
- Compensation for Coincidence
- **Optional:** Rechargeable Batteries Charger

PUG-7-D Series:

- PUG-7D – Built-In, User Settable Alarm
- PUG-7DF – Full System Includes: Electronics and PGS-3 Gamma Probe

Application

Any Alpha, Beta, Neutron, X-ray or Gamma monitoring program, whether aimed at the measurement or control of radiation levels or of contamination, is served by the versatile PUG-7-D electronics, combined with a T/A probe.

This universal instrument can be used with any P series, Geiger, or scintillation probe in the T/A line.

Description

The **PUG-7-D** electronics utilizes continuously adjustable regulated high voltage supply 1500V (2,500 volts Optional) to operate GM or scintillation detectors delivering a one millivolt or above pulse. An adjustable discriminator allows full control over system sensitivity. The pulse input is zener diode protected so that probes may be interchanged without shutting off instrument.

The **PUG-70-D** is the same as the PUG-7-D with a **built-in user settable alarm**.

PUG-7-DF is a full system and includes PUG-7-D, and a Probe - PGS-3 (one inch NaI(Tl) scintillator). Readout is in microR/h (or SI units).

Read out on the PUG instrument is in CPS; optionally in SI units or mR/h or other units. Calibration for different probes or situations is accomplished by inputting constant calibration content which can be accomplished using the 2 front panel buttons after unlocking them from standard mode.

The shell of the instrument is smoothly finished, attractive baked enamel over aluminum case. The cover is machined, anodized aluminum with highly visible markings.



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