

CRYSTAL CONTROLLED PULSER

Model # PV-1

FEATURES:

- FREQUENCY RANGE .01 CPM TO 999,000 CPM AND .01 CPS TO 999,000 CPS
- CRYSTAL CONTROLLED AND DIGITALLY DERIVED
- SWITCHABLE READOUT (PULSES PER SECOND OR MINUTE)
- PULSE WIDTH .5 μ S to 5 μ S
- AMPLITUDE - 0 TO 2.5 V
- 3 DIGIT THUMB WHEEL READOUT
- 3 TYPES OF OUTPUT

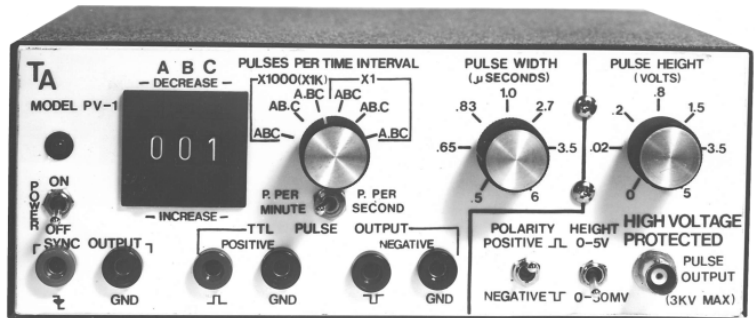


Figure 1: PV-1

APPLICATION: Fastest most accurate way to calibrate any pulse counting instrument when followed by a “touch-up” calibration on a calibration course. The PV-1 Pulse Generator is a small, lightweight instrument designed for use in calibration and trouble shooting of pulse-rate equipment.

DESCRIPTION: The PV-1 has a variable pulse rate from .01 counts per minute to 999,000 counts per second with an accuracy better than .01%, crystal controlled, digitally derived. Readout is a three digit thumb wheel, switchable counts per minute or counts per second. Pulse width is continuously variable from .5 μ S to 5 μ S. Pulse amplitude is continuous variable from 0-5 V. Three types of output are provided, sync output, TTL pulse output, and high voltage protected pulse output.

SPECIFICATIONS:

Readout:	Three digit thumb wheel.
Frequency Ranges:	0.01 cpm to 999,000 cpm and 0.01 cps to 999,000 cps. With accuracy better than 0.01%, crystal controlled, digitally derived.
Pulse Width:	0.5 μ S to 5 μ S
Pulse Amplitude:	0 - 2.5 V
Polarity:	Switchable, negative or positive
Output:	Switchable, negative or positive
Dimensions:	8-1/4" W x 3" H x 7" D.
Weight:	Approximately 3 lbs.
Power:	115 volt, 50/60 Hz.

TA

TECHNICAL ASSOCIATES

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