

PHASE ANGLE VOLTMETER 6250



The latest member of the XITRON PAV family, the 6250 Phase Angle Voltmeter. The 6250 PAV comes pre-configured for most LVDT/RVDT tests, and is ready to go — right out of the box.



Industries Served

LVDT/RVDT
Manufacturers
Synchro/Resolver
Manufacturers
Accelerometer
and Gyroscope
Manufacturers
Military
Aerospace

The 6250 is the latest in XITRON's 6000 family of high-performance, field-proven instruments that have been at work and trusted for over a decade. It offers an easy-to-use, pre-configured alternative to slower, older, less user-friendly technology.

The 6250 continuously self-tests its internal circuitry ensuring the most accurate results possible and eliminating lengthy recalibrations. These minimal calibration requirements, coupled with field-proven superior reliability and a two-year warranty, make the cost of ownership low.

The instrument requires less set-up and maintenance than competing products, saving customers in manufacturing down time and loss of product throughput. And, because of its simplicity, it can be used by virtually anyone who wants to access results more quickly and more reliably in critical manufacturing and testing environments.

- Wide bandwidth (0.1Hz – 100kHz)
- 0.05% basic amplitude accuracy
- 0.05° phase accuracy
- Total & individual harmonic analysis
- 100ppm accuracy, 1ppm resolution, frequency measurements
- 4-line scrollable (50 lines total) display and 101 element nullmeter
- Separate amplitude and frequency scaling and phase offset on all outputs
- Phase sensitive or frequency selective voltage, current power and impedance measurements
- Frequency response and distortion analysis
- Front panel configuration lockout for dedicated production and QC test applications
- Can be configured to emulate older analog PAVs that exist in the market

PHASE ANGLE VOLTMETER

6250



CONDENSED SPECIFICATIONS

(Contact XITRON for complete specifications)

Physical

Power: 80 – 265 Vrms autoselect, 40 – 400 Hz @ 25VA max

Size: 7" h x 17" w x 14" d

Weight: 20 lbs

Operating Range: 0°C to 50°C, less than 85% RH at 40°C (noncondensing)

Storage Range: -30°C to +65°C, less than 95% RH at 40°C (noncondensing)

Warranty

Two Years

ORDERING INFORMATION

PART #	DESCRIPTION
6250	Two-Input Phase Angle Voltmeter
AIO	12-Channel Analog Output, 16-Channel Digital Output
RE	Rack Adaptor Kit
MO6250	Additional Operating Manual

All 6250 instruments have IEEE488, RS232, and Parallel Printer Interfaces as standard

QUALITY AND RELIABILITY

XITRON Technologies, founded in 1990, is the premier source of precision power testing and measurement instruments for industrial manufacturing and medical electronics. Using the latest digital signal processing and circuitry, XITRON's sophisticated technology gives our customers the edge in design verification and product manufacturability. XITRON is ISO 9001:2000, EN46001 registered, and FDA (GMP 820) compliant.



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