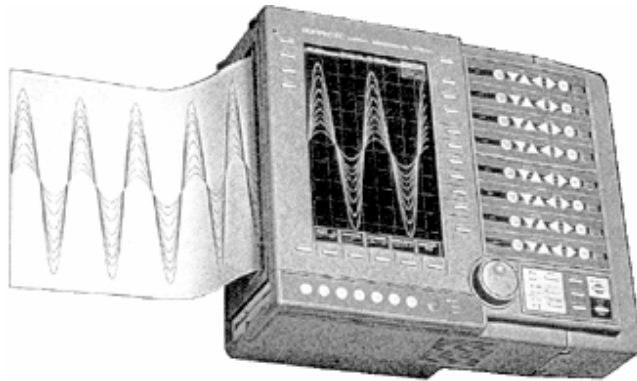


Thermal Arraycorders

WR9000 Series

4 or 8 channels high-performance DC to 50 kHz recorders



The WR9000 Series high-performance 4 or 8 channels thermal arraycorders give you DC to 50 kHz frequency response and let you expand your signals up to 200 mm wide. The WR9000 recorder combines a highly accurate thermal array recording technology with a large-format 8.9" electroluminescent display screen.

Features:

- recorder and memory recorder mode, in addition data logger mode
- powerful calculation functions for data analysis
- 128 kwords/channel memory; expandable to 512 kwords/channel. High level trigger functions
- large 8.9 inch electroluminescent display easy to read in dark and bright locations, whatever the angle. Enables viewing of waveforms and digital values
- intuitive operation using Graphic User Interfaces, menu windows and dedicated keys
- built-in floppy disk drive or optional magneto-optical drive for reliable data storage

Measurement modes	Recorder mode (Y-T, X-Y) Memory recorder mode (Y-T, X-Y) Data logger mode (minimum logging rate 1 s)
Number of channels	4, 8
Input Voltage:	0.05 to 500 V
Recording method	Thermal array (8 dots/mm)
Chart paper	Roll, PR231A 210 mm (W) x 40 m (L), black trace Z-fold, PZ 231A 210 mm (W) x 100 m (L) black trace
Recording width	200 mm (1600 dots)
Chart speeds	1, 1.25, 2, 2.5, 5, 10, 12.5, 20, 25, 50, (100) mm/s, mm/min, or mm/h Ext (): mm/s only
A/D conversion	12-bit
Memory capacity	128 kwords/channel standard 512 kwords/channel when option installed
Sampling rate	4 μ s to 100 ms
Direct frequency response	0 – 50 kHz
Display screen	8.9 inch (226 mm) electroluminescent
Interface	RS-232C, Remote; GP-IB optional
Memory device	3.5" FDD; 3.5" MOD optional
Operating environment	0 to 40 °C, 30 to 80% RH (5 to 35°C when using the printer)
Power supply	100 or 200 VAC series (specify when ordering), 50/60 Hz
External dimensions	360 (W) x 298 (D) x 120 (H) mm
Weight	8 kg (8-channel model)