



Miniature Dynamic Data Acquisition and Analysis System

Model YE6231

FEATURES

- 4 channel and 24-bit resolution
- synchronised acquisition
- 100kHz per channel
- USB2.0 interface
- Selectable input signals such as voltage and ICPE
- Easy configuration
- Continuous acquisition
- Small size and light weight



SUPPLIED WITH

- Input cable four cables for conditioners selected
- Interface cable One USB 2.0 cable
- Software ADC control and common functions of dynamic data analysis including harmonics and sideband analysis tools.

PERFORMANCE

Channels	4 per unit (Four units can be used by one PC)
Input voltage range	-10V to +10V peak
Input Impedance	$\geq 10M\Omega$
ADC Resolution	24bit (Delta-Sigma ADC with digital Anti-aliasing filter)
Max sampling rate	100kHz per channel with continuous sampling
Sampling length	indefinite (free space available on the hard disk used)
ICPE Supply	4mA and 24VDC
Gain settings	10; 100 and 1000mV/mV
High-pass filters	0.3Hz for ICPE input, DC for voltage input
Power supply	by computer via USB cable

PHYSICAL CHARACTERISTICS

Dimension	132mm(W) \times 25.4mm(H) \times 160mm(D)
Weight	0.5kg

ENVIRONMENT CHARACTERISTICS

Operating temperature	0°C to 60°C
Storage temperature	-55°C to 85°C
Maximum humidity	95% R.H