



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)

-10V to +10V peak Input voltage range

Input Impedance

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)

4mA and 24VDC ICPE Supply 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) × 25.4mm(H) × 160mm(D)

Weight

ENVIRIONMENT CHARACTERISTICS

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