



IEPE Signal Conditioner (High Precision)

Model: YE3820

Features:

- Wide frequency response, High precision, Low noise, good stability;
- Gain, Exciting voltage/current, LPF/HPF adjustable;
- Sensor sensitivity normalization;
- Suitable for precision testing and calibration IEPE sensor, Also can be used as high precision voltage amplifier.



Specifications:

Compliance Voltage	5, 12, 15, 18, 24, 28VDC Switchable
Constant current	0, 1, 2, 4, 10, 20mA Switchable
Input Voltage Range	$\leq \pm 10V$
Sensor sensitivity normalization	1.00 – 1000 adjustable
Lower cut-off frequency	0.01, 0.03, 0.1, 0.3, 1, 3 Hz Switchable
Upper cut-off frequency	0.3, 1, 3, 10, 30, 100 kHz Switchable
Gain	0.1, 1, 10, 100, 1000 Switchable
Output	$\pm 10V/5mA$
Accuracy	$\leq \pm 0.5\%$
Noise	$\leq 20\mu V_{rms}$
Dimensions	70 W×132.5 H×200 D (mm)
Weight	1Kg
Power Supply	DC: ± 12 to $\pm 18V$; AC: 220V50Hz
Temperature	Operating: $0^{\circ}C$ to $+40^{\circ}C$; Storage: $-55^{\circ}C$ to $+85^{\circ}C$
Humidity	80%R.H.Max.
Input/Output Type	Input: BNC; Output: BNC
Input/Output Cable	2 meters STYV-1 Low Noise Cable (BNC to BNC); one 2 meters STYV-1 Low Noise Cable (BNC to L5); one
Power Cable	One