



## 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.



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 : $\pm 12$ to $\pm 18V$ ; AC : 220V50Hz
Temperature	Operating : 0°C to +40°C ; Storage : -55°C to +85°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