



SINOCERA



Global Sensor  
Technology

## Voltage/ IEPE Pre-amplifier ( Plug-In )

Model: YE3825A/B

### FEATURES

- Gain adjustable from 1 to 1000;
- Single/double channels, automatic identification;
- Voltage/IEPE input mode, Provide IEPE exciting source;
- Hardware double integral circuit, can test velocity and displacement via accelerometer;
- Plug-in, supporting YE6277 / YE6278 dynamic data acquisition system.



Numbers of Channel	YE3825A : 1CH ; YE3825B : 2CH
Input Range	0±5Vp
Input Impedance	>100MΩ
Bridge Resistance	120 to 2000Ω with K=2.00
IEPE exciting source	4mA/+24VDC
Noise	<10μV(RTI)
Gain	1 to 1000(adjustable)
Double Integral	1Hz/10Hz selectable, Testing acceleration, velocity, displacement, accuracy: <±3%
Accuracy	<±1%
Frequency Range	Voltage input : DC to 100kHz(-3dB) ; IEPE : 0.3Hz to 100kHz(-3dB)
Low-pass Filter	10 to 100kHz preset or automatic set according to sampling rate (Corner: -3dB±1dB, -12dB/OCT)
Temperature	Operating : -10°C to 50°C; Storage : -55°C to 85°C
Humidity	85%R.H. Max.
Supply Power	YE6277/YE6278 Host Case
Input Type	Input: BNC ; Output to YE6277/YE6278 Host Case
Accessories	Input Cable: one/two