



Static Strain Amplifier

Model: YE2538A

Features:

- 10 channels Strain Test Point and 1 channel Force Test point;
- 4 digits LED display Test Value
- Synchronized dual-window display
- Test point and Bridge circuit Indication;
- All parameters can be set and stored;
- To provide fully functional application software;
- Suitable For teaching and engineering testing;
- Small Size, easy to handle.



Specifications:

Input Range	0 to $\pm 19999\mu\epsilon$ (2VDC Bridge Voltage)
Gage Resistance	60 to 1000 Ω
Resolution	1 $\mu\epsilon$
Zero Stability	$\leq 1\mu\epsilon/^\circ\text{C}$; $\leq 3\mu\epsilon/4\text{h}$
Sensitivity Stability	$\leq \pm 0.02\% \text{FS}/^\circ\text{C}$; $\leq \pm 0.1\% \text{FS} \pm 1\mu\epsilon/2\text{h}$
Bridge Voltage	2VDC
Bridge Circuit	1, 1/2, 1/4, Common compensation
Accuracy	$\leq \pm 0.2\% \text{FS} \pm 2\mu\epsilon$
Output	Analogy BNC() 4 1/2 LED Display
Sensitivity coefficient	1.00 to 9.99
Nonlinearity	$\leq \pm 0.05\%$
Balance Range	0 to $\pm 19999\mu\epsilon$
Scan Speed	6 channels / s
Operating Temperature	0 $^\circ\text{C}$ to +40 $^\circ\text{C}$
Humidity	95%R.H.
Power Supply	AC220V50Hz
Dimensions (mm)	360D $\times$ 84H $\times$ 320W
Weight	About 3.5Kg
Input/Output	Input: Terminal strip; Output: RS-232C interface
Accessories	Power Cable: one; 2m Length RS-232C interface cable: one; Application Software :one CD



Measurement in field & emission



Wireless long distance transmission



PC receive and process