



Static Strain Amplifiers

Model: YE2533

FEATURES

- 8,16, 24 channels (random combine) strain test point and 1 channel force test point;
- 4½ 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.



SUPPLIED WITH

- Calibration chart

Technical 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	$\leq \pm 0.02\%$ FS $^\circ\text{C}$; $\leq \pm 0.1\%$ FS $\pm 1\mu\epsilon/2\text{h}$
Bridge Voltage	2VDC
Bridge Circuit	1, 1/2, 1/4, Common compensation
Accuracy	$\leq \pm 0.2\%$ FS $\pm 2\mu\epsilon$
Output	Analogy BNC; 4½ 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 3200W
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