



SINOCERA



Global Sensor Technology

High-Speed Static Strain test system

Model: YE2539

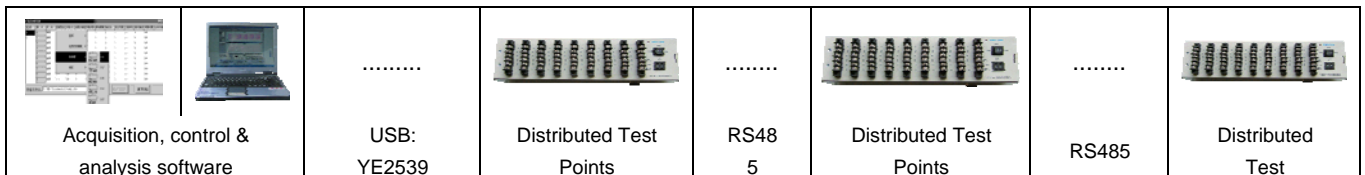
FEATURES


Applicable sensors include strain gages, strain-gage transducers, voltage-output sensors, potentiometer sensors and thermocouples. Internal scanner provides 10 measuring channels as standard and is extensible to a maximum of 60 channels and allows a maximum of 1000 measuring channels. High-speed measurement, scanning all channels within 1 second; the largest transmission distance: 1,2km via RS485 interface (via wireless transmission: up to 4km); Suitable for testing of bridges, railways and other engineering in the field. Use the optional software to achieve easy and quality standard measurements.



Input Range	0 - ±19999µε	
Resolution	1µε	
Channels (single module)	10points, expanded 1000points	
Tolerance	≤±0. 3% FS±2µε	
Scanning speed	Scanning all points within 1 second	
Auto-balance Range	0 - ±19999µε (Power-down store)	
Interface	RS485	
Bridge Resistance	60 - 1000Ω (Gauge Sensitivity K=1.0 - 9.99)	
Bridge Type	1,1/2; 1/4, Common Compensation	
Stability	Zero Drift	±3µε/4h ≤±1µε/°C
	Sensitivity	± (readout×0.1%+1µε) /2h ±0.02%FS/°C
Bridge Voltage	±1VDC (Optional)	
Temperature/Humidity	Operating Temperature :0 to 50°C; Operating Humidity: 20 to 80% RH	
Power Supply	AC:220V50Hz/0.5A; DC:+6 to +15V (optional)	
Dimensions (mm)	80W×40H×340D (single module)	
Weight	1.5Kg/single module (10channels)	

Static Strain Test System Connection Diagram



 **Wireless connection and transmission of dynamic & static strain test**
 YE2539 could transfer test data via wireless module YE29007 instead of RS485 interface.