



SINOCERA



Global Sensor
Technology

Program-controlled Dynamic Strain Amplifier (DC to 300kHz)

Model: YE3818D

FEATURES

- Wide frequency range (up to 300kHz).
- 4½-digit LED's indication of the output voltage of a selectable channel. DC, AC,PK+,PK- mode selectable.
- Multi-steps of LPF, Gain, Bridge Voltage.
- Long wire automatic compensation.
- 12-bit dual D/A auto-balance.
- Suitable for testing high frequency response strain.



Main Specifications:

Channels	32 (2 chs/card)	
Input Range	0 to ±50000µε	
Input Impedance	>100MΩ	
Bridge Resistance	60 to 10000Ω with K=2.00	
Output Range	±5VP/5mA	
Noise	≤3µV (Referred to input at maximum sensitivity)	
Stability	Zero	±1µV/0C ; ±0.1%/F.S/2h (input to ground)
	Sensitivity	±0.01%F.S/0C;±0.1%/F.S/2h
Measurement Mode	DC,AC,PK+,PK-	
Bridge Voltage	1,2,3,4, 10VDC/30mA(MAX) balance to ground	
Gain	Steps	100;300; 1000;3000
	Accuracy	≤±0.5%
	Nonlinearity	≤±0.1% of full scale
Balance	Auto Balance:±5000µε	
Frequency Range	DC to 300kHz	
Low-pass Filter	30,100,300,1k,3k,10k,100k,WB(300kHz)(corner:- 3dB±1dB,-12dB/OCT)	
Temperature	Operating : -10C to 50C; Storage: -55C to 85C	
Humidity	85%R.H. max	
Supply Power	AC220V±10%,50Hz1A (AC110V60Hz selectable)	
Dimensions(mm)	499W ×177H ×377D	
Weight	Approximately 10KG	
Input/Output Type	Input:7-Pin Socket ; Output: BNC	
Accessories	input/output cable: 32	
	Power supply cable:1	