



SINOCERA



Global Sensor  
Technology

## Program-controlled Dynamic Stain 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



### Technical Specifications:

Channels	32 (2 chs/card)	
Input Range	0 to $\pm 50000\mu\epsilon$	
Input Impedance	$>100M\Omega$	
Bridge Resistance	60 to $10000\Omega$ with $K=2.00$	
Output Range	$\pm 5VP/5mA$	
Noise	$\leq 3\mu V$ (Referred to input at maximum sensitivity)	
Stability	Zero	$\pm 1\mu V/0C$ ; $\pm 0.1\%/F.S/2h$ (input to ground)
	Sensitivity	$\pm 0.01\%/F.S/0C$ ; $\pm 0.1\%/F.S/2h$
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	$\leq \pm 0.5\%$
	Nonlinearity	$\leq \pm 0.1\%$ of full scale
Balance (Resistance: Within 1%)	Auto Balance: $\pm 5000\mu\epsilon$	
Frequency Range	DC to 300kHz	
Low-pass Filter	30,100,300,1k,3k,10k,100k,WB(300kHz)(corner:- 3dB $\pm$ 1dB,-12dB/OCT)	
Temperature	Operating: -100C to 500C;Storage: -550C to 850C	
Humidity	85%R.H. max	
Supply Power	AC220V $\pm 10\%$ ,50Hz1A (AC110V60Hz selectable)	
Dimensions(mm)	499W $\times$ 177H $\times$ 377D	
Weight	About 10KG	
Input/Output Type	Input:7-Pin Socket ; Output: BNC	
Accessories	input/output cable: 32	
	Power supply cable: 1	

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