



SINOCERA



Global Sensor
Technology

Program-controlled Dynamic Strain Amplifier (DC to 500kHz)

Model: YE3835

FEATURES

- Wide frequency range (up to 500kHz)
- 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



Technical Specifications:

Input Range	0 to $\pm 50000\mu\epsilon$	
Input Impedance	$>100M\Omega$	
Bridge Resistance	120 to 2000Ω with $K=2.00$	
Output Range	$\pm 5VP/5mA$	
Noise	$\leq 5\mu V$ (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; 5000
	Accuracy	$\leq \pm 0.5\%$
	Nonlinearity	$\leq \pm 0.1\%$ of full scale
Balance	Auto Balance: $\pm 5000\mu\epsilon$	
Frequency Range	DC to 500kHz	
Low-pass Filter	10, 100, 1k, 3k, 10k, 100k, 100k, WB(500kHz)(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%, 50Hz 0.3A (AC110V60Hz selectable)	
Dimensions(mm)	70W \times 132.5H \times 400D	
Weight	About 1.5KG	
Input/Output Type	Input: 7-Pin Socket ; Output: BNC	
Accessories	input/output cable: 1	
	Power supply cable: 1	

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Unit 1, 26 Fairholme Road, Manchester, M20 4NT, UK

Phone: +44 (0)161 446 4848 Fax: +44 (0)161 438 2828 www.globalsensortech.com techsupport@globalsensortech.com