

Strain Amplifier | GTSA-16

This product is a Strain Amplifier displaying $\pm 10V$ analogue signals on LCD screen by calculating various sensor's input signals. This has the functions of strain measurement and analogue output and more functions than existing universal amplifier.



Feature |

- Simultaneously verifying real data values and output voltage values
- Setting the type of sensor, sensor specification, decimal places or units on touchable screen
- Not need a separate bridge box due to built-in 120 Ω /350 Ω bridge circuit
- Can be mounted in 19" rack (3U)
- D/A offset and D/A span value adjustment
- Able to select sensor type, power supply, amplification ratio of amplifier or filter frequency
- Built channel in slot type, 2-channel per slot
- Two-way circular connector and 5-pin green connector

Specification |

Model	GTSA-6	GTSA-16
Number of Channel	2, 4, 6 channel	2, 4, 6, 8, 10, 12, 14, 16 channel
Display	5.6 inch TFT Touchable LCD	
Measure Hz	10 KHz	
Analog Output Hz	10 KHz	
Input Sensor	- 1Gage & 2Gage : 120 Ω , 350 Ω - 4 Gage Bridge Sensor : 0.5 mV/V ~ 100 mV/V - Potentiometer Sensor - Voltage : 10 V	
Strain Input Range	10,000, 100,000, 1,000,000 X 10 ⁻⁶ strain	
Low Pass Filter	10 Hz, 100 Hz, 1 KHz, 10 KHz	
Bridge EXC Voltage	2V, 5V, 10V	
A/D Conversion	16 Bit 10,000 times/sec	
D/A Conversion	16 Bit 10,000 times/sec	
Demension	255(W)*160(H)*270(D)mm	450(W)*132(H)*280(D)mm
Power	AC 220 V, 50~60 Hz	