

# 4 Channel & On-site Data Logger | GTDL-253

This product is a 4-channel strain gauge and it is equipped with SD data memory and touchable screen checking and saving data without PC connection. By connecting the strain gauge, the measurement of strain rate and measurement sensors for load cell, LVDT, pressure, torque, accelerometer, potentiometer or RTD are available. Also, built-in USB memory port in front part facilitates data transfer to PC.



## FEATURE

- 4 channel static and dynamic data logger
- Multi-functions with touchable screen and data memory
- Not need a separate bridge box due to built-in 120Ω/350Ω bridge circuit
- Noise removal by low pass filter circuit
- Automatic zero point adjustment by Autozero button
- Able to connect with 1-gauge, 3-wire, 2-gauge or 4-gauge for each channel
- Two-way one-touch circular connector (Tajimi Connector)
- Compact, light weight, USB interface

## SPECIFICATION

Model	GTDL-253
Number of Channel	4 channel
Display & data memory	7" Touchable LCD SCREEN 4G SD Data Memory , USB Memory Stick Port (EXT)
Measure Hz	1,000 Hz
Connector for sensor	Military Circular Connector
Input Sensor	- 1Gage & 2Gage : 120 Ω , 350 Ω - 4Gage Bridge Sensor : 0.5 mV/V ~ 100 mV/V - Potentiometer Sensor - Pt100 temperature sensor - Voltage : 10 V
Strain Input Range	10,000, 100,000, 1,000,000 X 10 <sup>-6</sup> strain
Low Pass Filter	10 Hz, 100 Hz, 1 KHz, Pass
Interface	USB
Program	Multiscan S/W & Multiload S/W
Dimension	340(W)*300(D)*150(H)mm
Power	Lithium-ion battery and DC 12 V