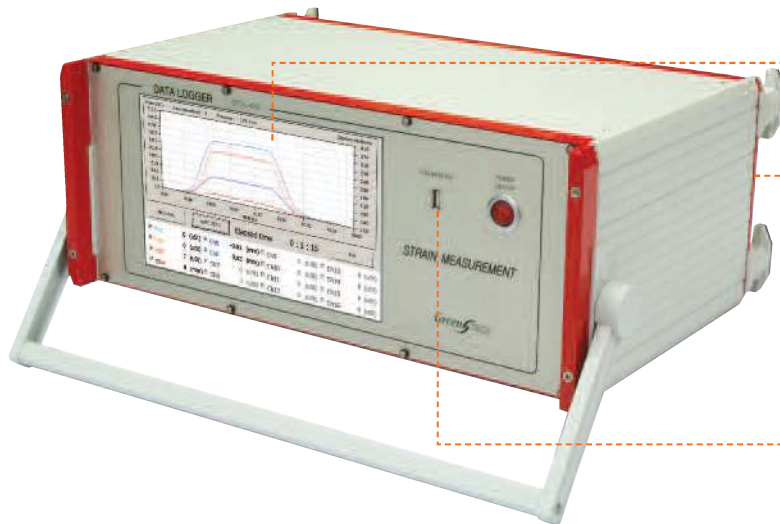


# Touchable PC type Data Logger | GTDL-610

This product is a multi-channel Data Logger equipped with SD data memory and touchable screen setting sensors, displaying graphs 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, RTD, thermocouple or voltage are available. Also, built-in USB memory port in front part facilitates data transfer to PC.



## Feature |

- Multi-channel/multi-function static and dynamic data logger
- Built channel in slot type, 4-channel per slot
- Built-in data logger expansion port
- 10.2" big-sized touchable screen, 16G SD data memory
- Noise removal by low pass filter circuit
- Automatic zero point adjustment by Autozero button
- Able to select sensor type, power supply, amplification ratio of amplifier or filter frequency
- USB interface, real-time measurement by connecting multiscan software

## Specification |

Model	GTDL-610
Number of Channel	4, 8, 12, 16, 20, 24, 28, 32 channel
Display & data memory	10.2" TFT Touchable LCD 16G SD Data Memory, USB Memory Stick Port(EXT)
Measure frequency	1,000 Hz
Connector for sensor	5p Screw connector or TAJIMI
Input Sensor	- 1Gage & 2Gage : 120 Ω, 350 Ω - 4 Gage Bridge Sensor : 0.5 mV/V ~ 100 mV/V - Potentiometer Sensor - Pt100 temperature sensor , thermo couple temperature sensor J, K, T, E, R, S - Voltage : 10V
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 Program Selectable
Bridge excitation	DC 2 V, 5 V, 10 V Program Selectable
Interface	USB
Program	Multiscan S/W & Multiload S/W
Demension	450(W)*180(H)*310(D)mm
Power	AC 220 V, 50~60 Hz

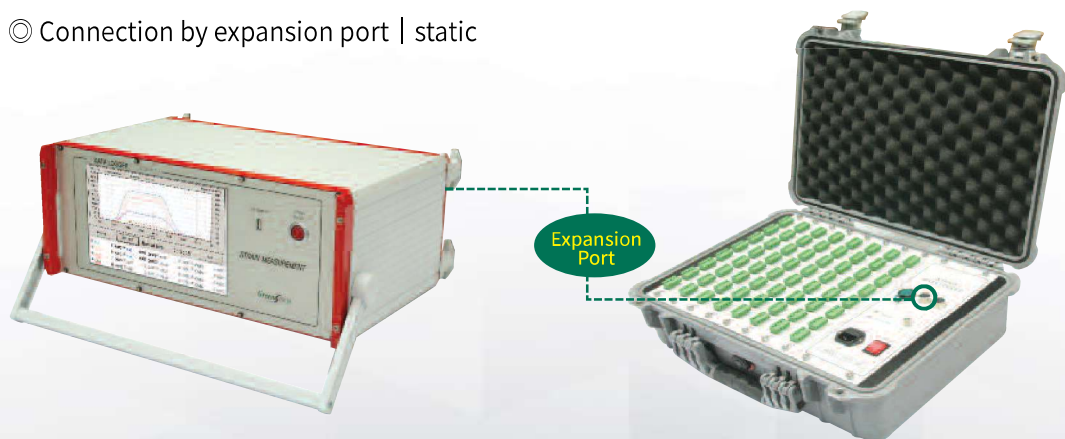
| Back Side |



4 channel \* 8 slot = 32 channel

| Connecting method for a couple of Data Logger |

© Connection by expansion port | static



GTDL-610 (32 channel) + GTDL-620 (64 channel) = 96 channel

© Connection by USB port | dynamic



GTDL-610 (32 channel) + GTDL-610 (32 channel) = 64 channel

# Touchable & On-site type Data Logger | GTDL-600

This product is an on-site type Data Logger equipped with SD data memory and touchable screen setting sensors, displaying graphs 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, RTD or voltage are available. Also, built-in USB memory port in front part facilitates data transfer to PC.



## Feature |

- Field-type multi-function static and dynamic data logger
- Good mobility and solidity in a waterproof case form
- Built channel in slot type, 8-channel per slot
- Able to use 12 volt power (optional)
- Noise removal by low pass filter circuit
- Automatic zero point adjustment by Autozero button
- Able to select one-touch circular connector (Tajimi Connector)
- Static data logger (GTDL-600-S)

## Specification |

Model	GTDL-600	GTDL-600-S (static)
Number of Channel	8, 16, 24, 32, 40, 48, 56 channel	
Display & data memory	7" TFT Touchable LCD 16G SD Data Memory , USB Memory Stick Port (EXT)	
Measure Hz	1,000 Hz	Bridge exciting time : 50 msec
Connector for sensor	5p Screw connector or TAJIMI	
Input Sensor	- 1Gage & 2Gage : 120 Ω, 350 Ω - 4 Gage Bridge Sensor : 0.5 mV/V ~ 100 mV/V - Potentiometer Sensor - Pt100 temperature sensor - Voltage : 10 V	
Strain Input Range	10,000,100,000,1,000,000X10 <sup>-6</sup> strain	
Low Pass Filter	10 Hz, 100 Hz, 1 KHz, Pass Program Selectable	
Interface	USB	
Program	Multiscan S/W & Multiload S/W	
Demension	500(W)*190(H)*380(D)mm	
Power	AC 220 V, 50~60 Hz or DC 12 V	

# On-site type Data Logger | GTDL-620

This product is a PC-connected Data Logger measuring and saving data, and displaying graphs through PC connection using a PC and USB cable. Also, it is available for data logger expansion. By connecting the strain gauge, the measurement of strain rate and measurement sensors for load cell, LVDT, pressure, torque, accelerometer, potentiometer, RTD or voltage are available.



## Feature

- Field-type dynamic and static data logger
- Equipped with USB port and data logger expansion port
- Built channel in slot type, 8-channel per slot
- Able to use 12 volt power (optional)
- Noise removal by low pass filter circuit
- Able to connect with 1-gauge, 3-wire, 2-gauge or 4-gauge for each channel
- Able to select one-touch circular connector (Tajimi Connector)
- Static data logger(GTDL-620-S)

## Specification

Model	GTDL-620	GTDL-620-S (static)
Number of Channel	8, 16, 24, 32, 40, 48, 56, 64 channel	
Measure Hz	1,000 Hz	Bridge exciting time : 50 msec
Connector for sensor	5p Screw connector or TAJIMI	
Input Sensor	- 1Gage & 2Gage : 120 Ω, 350 Ω - 4 Gage 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 Program Selectable	
Interface	USB	
Program	Multiscan S/W & Multiload S/W	
Demension	500(W)*190(H)*380(D)mm	
Power	AC 220 V, 50~60 Hz or DC 12 V	