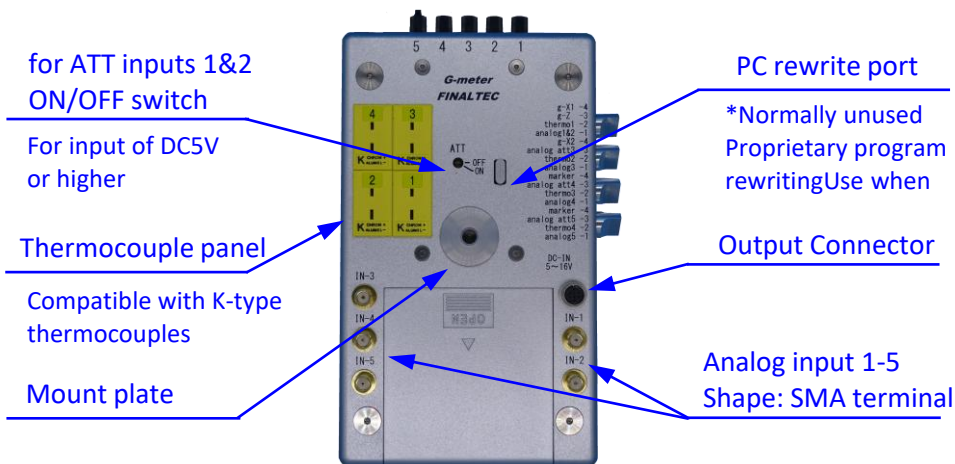


Born out of need Multi-function acceleration simple display device Multi G-Meter

# Electronic U-tube without output



The glass U-tube manometer (G meter) that measures acceleration for automobiles is difficult to read, and it is difficult to understand the instantaneous peak. Left and right G measurement cannot be done with one unit. Also, since it is made of glass, it should be handled and stored carefully. This G-meter was developed as an "Electronic U-tube", a multi-functional simple acceleration indicator, incorporating the functions necessary for evaluation, based on requests and opinions from test drivers specializing in braking evaluation. With built-in 3-axis electronic acceleration sensor, front and rear G as well as left and right G and temperature can be measured at the same time. The built-in acceleration sensor uses a high-quality, high-precision type for measuring instruments, and it has accuracy and reliability because it is not a simple built-in smartphone. In addition, the built-in program is rewritable, and it is a multi-display unit that can independently build a program that meets the evaluation with dedicated program software that can be created visually. Since it does not have a built-in camera, it can be used in places where it cannot be brought in for confidentiality reasons, and is a safe device for security.



Simultaneous F/R &amp; L/R G measurement (left side), analog meter style (right side) measurement example



Specification	
Name	"Electronic U-tube without output" G-Meter (Multi-function acceleration simple display)
Model number	FT-G with output (Type3)
Weight	505g(no battery)
Operating temperature	0 to 40°C
Size	158×95×48(Does not include protrusions, handles, or universal joint suction cups)
Display	4.3in TFT 262kColor 480x272px
Touch function	capacitive touch screen
Measuring range	-1.00g to +1.00g (minimum unit0.004)
Acceleration accuracy	±2% F.S.
Temperature sensor input	Thermocouple miniature connector (female) 4ch
Temperature sensor type	K-type thermocouple
Temp measurement range	0°C to 1000°C
Temperature accuracy	±1.5% F.S. ※Note 1
Input	Analog signal 4ch (5ch when switching switch is used) DC 0-5V
Input terminal	SMA-J
Power supply	AA battery (1.2 to 3.7V usable), DC port 5 to 16V (automatic switching)
Continuous use time (*Operation time may be shorter due to measurement in a stationary state)	Approximately 2 to 3 hours for four 1.5V alkaline batteries
	1.2V/1900mAh Ni-MH rechargeable battery: about 4 hours
	1.2V/2500mAh Ni-MH rechargeable battery:about 5 hours
	AA type special rechargeable battery can be used (voltage 1.5 to 3.7V/1battery), maximum about 3.5 hours
Accessories	Universal joint suction cup, cigar plug power cord 1.5m (fuse 3A) Output-BOX, Output-BOX connection cord 1.5m
Patent number	Applying

This product is intended for automotive development and braking evaluation, so please follow the instructions of a person who is familiar with this product. It cannot be used legally on public roads. In addition, please refrain from using it on bumpy roads with a lot of vibration, driving on steps, etc., as it may cause a fall failure. \*Specifications and appearance are subject to change without notice for improvement.

URL            <https://www.finaltec.jp>

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