

G-TECH MAKE Volt & milliampere Calibrator Model G-TECH 04+ is a high Accuracy (0.05%) Calibrator. It has 5 digit LCD display with high stability. It can be used for calibrating, transmitters, Thermocouple, SCADA systems, Transducers, It also provides loop circuit power 24V.



The Max. load is 1Ω at 20mA range when the power higher than 6.8V;
The Max. Load is 700Ω at 20mA range when the power is within 5.8V - 6.8V.
Temperature Coefficient ± 0.005%, range / °C (5°C ~ 18°C ~ 28°C ~ 40°C).
It works on 9Volt alkaline battery and battery life is approx 20 hours under the condition of 10mA.

General Specification

- Display : 5 Digit LCD display.
- Basic Accuracy : ± 0.05%
- Max. Allowable Voltage : 30V
- Operating Temperature Range : 0 ~ 50°C
- Humidity range : ≤ 80% RH
- Storage Temperature Range : ≤ -10°C ~ 55°C
- Humidity range : ≤ 90% RH
- Temperature Coefficient : 0.1 x (designed Accuracy) % / °C (5°C ~ 18°C ~ 28°C ~ 40°)
- Power : 1.5V x 2 alkaline batteries.
- Power Consumption : about 400mA / 3V in condition of 20mA with 1KΩ load.
- Dimension : 180(L) x 90 (W)x 47 (D)(mm) (with holster)
- Weight : About 500g

OUTPUT FUNCTION

Output	Range	Output Range	Resolution	Accuracy	Remarks
DC Voltage	10V	0.000~11.000V	0.001V	± 0.05% + 2	Max. Output 5mA
DC Current	20mA	0.000~22.000mA	0.001mA	± 0.05% + 4μA	20mA Max. load 1KΩ
Simulate transmitter (Sinking current)	-20mA	0.000~22.000mA	0.001mA	± 0.05% + 4μA	20mA Max. load 1KΩ Note : Power supply range 5 ~ 25VDC
Loop Power	24V			± 10%	Max. Output current Upto 25mA

Accessories :

User Manual, Test Lead CF-36, (Clips for probe), Holster & Carrying case.

Safety :

Complies with IEC1010

voltage, active/passive current output

Basic Accuracy 0.05%



Current function



Voltage function



Digital Display



High precision Measurement



Easy to use



Automatic shut-down