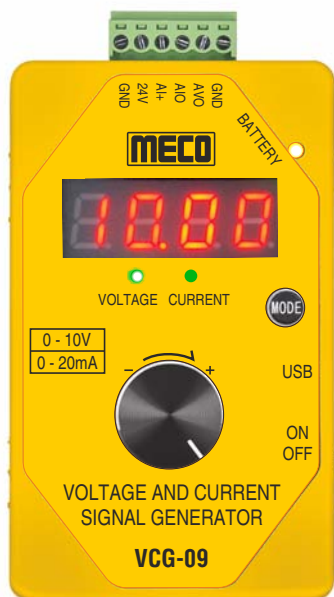




VCG-09

Features

- Built-in 3.7V, 1000mAh lithium Battery Power Supply (Optional)
- 4 Hours at Internal Lithium Battery Full Power Supply, Active Output 20mA
- Connecting Terminal
- Battery Indicator
- External 9 ~ 30V DC Input Power Supply
- External Micro-USB 5V Power Supply

Introduction

MECO VCG-09 Signal Generator has a Multiple Measurement of Current or Voltage range output with Bright LED Display. Rotary Knob with Easy Operation is key feature.

Applications

- Equipment Debugging in Laboratories
- Industrial Sites
- Electric Valves

Specifications

Operating Environment	-10°C ~ 55°C
Relative Humidity	10% ~ 90% RH
Voltage Output	
Output Range	0 ~ 10V
Output Resolution	0.1V
Output Load	>10KΩ
Current Output	
Output Range	0 ~ 20mA
Output Resolution	0.1mA
Output Load	< 350Ω



FCT Series

Model FCT Series

MECO FCT is a Flexible Current Transformer based on the Rogowski principle. It is suitable to conveniently measure Single / Three Phase AC and Pulsed DC Currents. After approximate signal conditioning, it can be used with Digital Multimeters, Recorders and other suitable equipment to measure current from very low frequencies up to 1MHz.

The probes comprises of a flexible air-cored sensor which can be opened and installed around a primary conductor without interrupting the circuit. The flexible and lightweight measuring head allows quick and easy installation in hard to reach areas and over large conductors. Inner Diameter / Window Size and leads can be customized.

Flexible AC Current Probe

Typical Voltage Output VoRMS (Sinusoidal Current)	$(2.183 \times 10^{-4}) \times I_{RMS} \times \text{Frequency}$
VoRMS (at 3000ARMS, 50 Hz)	300mV AC
Rated Current (RMS)	3000A
Inner Diameter / Window Size	100mm (5")
Coil Diameter	9 mm
Internal Resistance per Probe	120Ω
Operating Temperature Range	-10°C to + 60°C
Storage Temperature Range	-20°C to + 70°C

Bandwidth	5Hz ~1MHz
Accuracy	± 0.2%(Most accurate position, 25°C)
Phase Shift	90 ± 0.2 degrees
Temperature Sensitivity	0.08% per °C
Position Sensitivity	± 0.5%
Working Voltage	1000V AC RMS

Ordering Information : Model, Rated Input (A AC) & Rated Output