

CALIBRATOR FOR VOLTAGE AND CURRENT MODEL CLG

CLG
\$1190
Model Shown

Includes test leads
and carrying case
as shown



Shown smaller
than actual size

- ✓ Sources and Reads Millivolts, Volts and Milliamps
- ✓ Powers, Reads and Simulates 2-Wire Transmitters
- ✓ Simultaneous Input and Output Readings
- ✓ Fixed Calibration Steps
- ✓ Automatic Signal Ramping
- ✓ Complete Test Lead Set Included
- ✓ CE Marked

CALIBRATOR FOR VOLTAGE AND CURRENT, MODEL CLG

SPECIFICATIONS

FUNCTION	RANGE	RESOLUTION	ACCURACY % OF READING	REMARKS
MEASURE MVOLTS	0 to 120mV	0.01mV	±0.017% ± 1 digit	R-input > 20 M Ω
OUTPUT MVOLTS	0 to 120mV	0.01mV	±0.017% ± 1 digit	R-output 0.2 Ω
MEASURE VOLTS	0 to 120V	0.01V	±0.04% ± 1 digit	R-input 1 M Ω
OUTPUT VOLTS	0 to 12V	0.001V	±0.017% ± 1 digit	R-output 0.2 Ω
MEASURE MA	0 to 52mA	0.01mA	±0.04% ± 1 digit	R-input 3.5 Ω fused
OUTPUT MA	0 to 24mA	0.01mA	±0.04% ± 1 digit	R-max. 900 Ω
TRANSMITTER SIM.	0 to 24mA	0.01mA	±0.04% ± 1 digit	V-max ext. 56 Volts

Special functions:

1. Fixed steps (programmable, 10% or 20% divisions)
2. Signal ramping (up/dwell/down)

Reference: 22°C ±1

Calibration: Traceable to National Standards with correlation to NIST

Long Term Stability: 0.02% / year of span

Indicated Accuracies: Specified for 15 to 35°C. Outside these limits; ±1lsd max. on zero and ± 0.001% /°C of span

Operating Temperature: -10 to + 50°C (14 to 122°F)

Storage Temperature: -20 to + 70°C (-4 to 158°F)

Warm Up Time: 2 minutes to rated accuracy

Relative Humidity: 0 to 90% non-condensing

Input/Output Protection: 70 Volts on millivolt input, 30 Volts on outputs, 200 Volts on Volts input

Input/Output Isolation: 500 Vdc continuous

Output Voltage: Protected by load monitor, Displays "check loop"

Output Current: Protected by load monitor, Displays "check loop"

Transmitter Power Supply: Available for user; 24 Vdc current limited at 34 mA

Read-out: Simultaneous read-out of input and output values Dialogue in English

Batteries: 4 x 1.5 Volt, Size C alkaline (included) or optional type R14 rechargeable NiCd see "To Order"

Battery Life: 22 hours with alkaline batteries at 20°C (68°F), 7 hours with 20 mA load

Low Battery Indication: pre-warning alternately flashes "bat".

External Power Supply: By optional charger/line adaptor model number CLBPS 230/115V - 50/60Hz

Connections: Suitable for 4mm test plugs

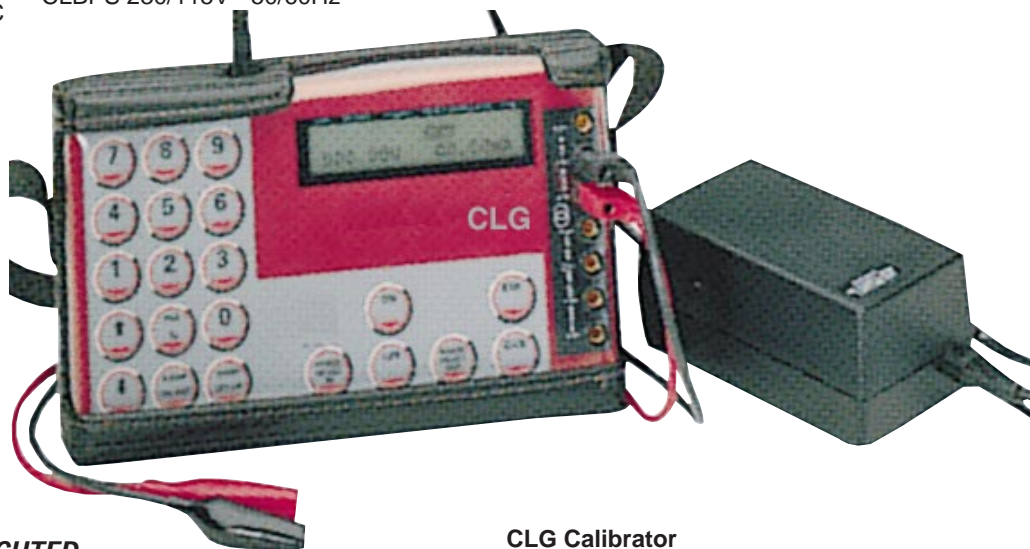
Protection: IP 53

Housing: Textured high-impact ABS plastic

Size: 200 x 117 x 32 mm (8.0 x 4.7 x 1.3") without carrying case

Weight: 0.9 kg (2 lb) including batteries, carrying case and test leads

Specifications subject to change without notice



CLG Calibrator with optional ac adaptor CLBPS (\$138) Shown smaller than actual size

MOST POPULAR MODELS HIGHLIGHTED

To Order (Specify Model Number)		
MODEL NO.	PRICE	DESCRIPTION
CLG	\$1190	Calibrator for voltage and current
CLBPS	138	Power Supply/charger for Ni-Cad batteries
191-011	7	Rechargeable Ni-Cad Batteries - 4 required
GTL	40	Test leads & small parts for CLG

Ordering example: CLG, Calibrator for Voltage and Current, \$1190.

Model CLG includes: carrying case, batteries, instruction manual, calibration certificate, spare fuse & set of test leads.



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• Flow and Level

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• pH and Conductivity

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• Pressure, Strain and Force

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• Heaters

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