

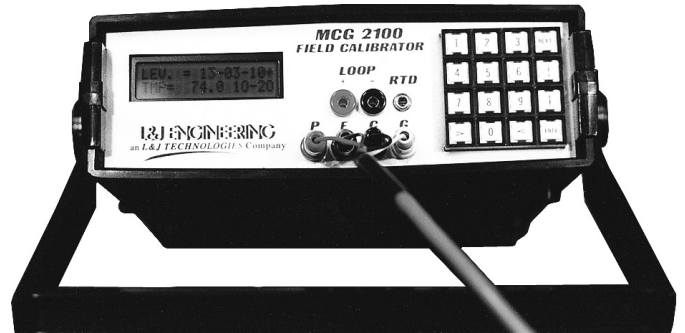
MCG 2100 Field Calibrator

Features

- Comprehensive Diagnostics
- Portable Gauge Emulator
- Reduced Start-Up Time
- Local LCD Display

Applications

Troubleshooting	Field Calibration
Miniature Computer Terminal	Fault Tester
Field emulator	Downloading of Parameters



Specifications:

Output Voltage:

P= 36 VDC, power for transmitter
E= 0 VDC, input from transmitter
C= 30 VDC, output from pulse train
G= 0 VDC, ground
Others available

Readout:

32 character alphanumeric LCD

Protocols:

Tankway Std.; GPE, Modbus Opt.

Units:

Level:
Feet, inches and 1/16ths or feet, and .01 feet, or metric.

Temperature:
+/- 800° F, 2° F or C increments

Power Supply:

12 VDC gel cell

Battery Life:

8 hours minimum per change

Recharge Time:

10 hours maximum

Connections:

4 binding posts (field)

1 recessed power receptacle for 12 VDC charger

Dimensions:

Height:
2.5", Width 7", Depth: 9.5"

Weight:
4 lbs.

Calibrator Settings:

Baud Rate:
300, 600, 1200, 2400, 4800, 9600

Address:
0-127 selectable

Mode:
Receiver or transmitter

Test:
Pattern 1 or 2

Level/Temp:
Level test or temperature test

Rotation:
Clockwise or counter clockwise for MCG 2000

Power:
ON/OFF switch

RTD:
Test Copper & Platinum
RTD's (optional)

All designs subject to change. Certified dimensions and specifications available upon request.

MCG 2100 Ordering Guide

MCG 2100 Field Calibrator

Includes: MCG 2100 unit, L&J Tankway cable, RTD cable & charger

Model Number Selection:

The model number will consist of a base number **MCG 2100** followed by 4 digits. These digits will represent 2 sets of option tables:

MCG 2100 - AB - CD

AB - Interface Type	
00	L&J Tankway (Standard)
01	L&J Tankway and RS-232
02	L&J Tankway and 31422/31423 (GPE Level Transmitter)
03	Modbus on RS-485 (4-Wire)
04	Varec Matrix
05	Varec 4-Wire
06	HART
07	Modbus on L&J Tankway
08	Modbus on RS-485 (2-Wire)

CD - Power Supply	
01	110 VAC (Standard)
02	220 VAC