

DIGITAL LOAD CELL TESTER

FAST, RELIABLE TESTING OF LOAD CELLS

LCT-01
\$680



- ✓ Speeds Troubleshooting of Scale Systems
- ✓ Compatible with Most Load Cells
- ✓ No Need to Disconnect Load Cell to Test
- ✓ Stand-Alone, Portable, Battery Operated
- ✓ Clear Screen Messages

The LCT-01 is a portable device designed to help analyze the condition of strain gage-based load cells in scale and industrial applications. The LCT-01 works with most common types and ranges of load cells found in industry. The unit is fully computerized, and a 16 x 2 alphanumeric display guides the operator through all test stages and clearly displays the results. It is also equipped with an LED and buzzer to alert the operator to suspect results. The unit's 3 operating keys and concise messages guide the user through testing in a step-by-step process.

The LCT-01 provides the user with essential data on the condition of the load cell, such as physical condition (including distortions possibly caused by overloading, shock loads, or metal fatigue) and electrical conditions (such as bridge resistance and possible ground faults).

LCT-01, \$680, shown smaller than actual size, with LCAE-10KG load cell, \$151, sold separately. See page F-68 for details.

The LCT Will Test the Following Types of Strain Gage Load Cells:

Load Cell Configuration: 4- or 6-wire
Bridge Impedance: 1 mV/V to 5 mV/V; determined by user in 0.1 mV/V steps

Main Test Features

Input Impedance: 1 Ω resolution
Output Impedance: 1 Ω resolution
Sense to Output Impedance: 6-wire load cells
Shielding to I/O Impedance: Up to 10 M Ω
Ground to I/O Impedance: Up to 10 M Ω
Load Cell Output: In % of full scale

SPECIFICATIONS

Excitation Voltage: 2.5 Vdc
Internal Resolution: 12 bit
Total Accuracy: 2%
Load Cell Output: 1 mV/V to 5 mV/V selectable in 0.1 mV/V steps (default = 2 mV/V)
Power: 4 "AA" batteries (included)
Battery Life: Approx. 500 hr with alkaline
Connections: Push/clamp terminals
Total Connecting Points: 8 (2 input, 2 output, 2 sense, 1 shield, 1 ground)
Size: 100 W x 180 H x 44 mm D (4 x 7 x 1.75")
Weight: Approx: 250 g (8.8 oz)

To Order (Specify Model Number)

MODEL NO.	PRICE	DESCRIPTION
LCT-01	\$680	Load cell tester

Comes with complete operator's manual and 4 "AA" batteries.

Ordering Example: LCT-01, load cell tester, batteries and complete operator's manual, \$680.

ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
OP-17	\$15	Reference Book: Measure for Measure



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