

DIGITAL LOAD CELL TESTER

FAST, RELIABLE TESTING OF LOAD CELLS

DISCONTINUED

LCT-01



- ✓ **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).

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



LCT-01 shown smaller than actual size, with LCAE-10KG load cell, sold separately.

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)

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

To Order

MODEL NO.	DESCRIPTION
LCT-01	Load cell tester

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

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

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