



Features:

- Can check all common types of standard load cells that are available in the market (4 or 6 wires at all rated gain output)
- Provides the user with all essential data needed about the tested load cell: Bridge resistance and integrity, physical distortion and can check insulation resistance
- Can be used to check multi load-cell scale alignment
- Continuous signal reading allows checking linearity and repeatability
- Full test with seconds

General Specifications	
Enclosure Material	ABS
Dimensions	150mm × 80mm × 25mm 5.9in × 3.1in × 0.98in
Display Type	LCD
Display Digits	16x2 alphanumeric
Display Dimensions	59mm × 13mm / 2.3in × 0.5in
Power Supply	4 × AA batteries
Connector	8-pin screw terminal

Technical Specifications	
I/O Resistance	Up to 5000Ω at 0.5Ω resolution
Sense Resistance (6-wire L/C)	Up to 500Ω at 0.1Ω resolution
Insulation Resistance	Max.>5000MΩ , Min.<10HΩ
L/C Output in Percentage of F.S.	± 250% at 0.01% resolution (input resistance>175Ω)
Gain Adjustment	0.1-5mV/V steps of 0.01
Bridge Testing	1.25Vdc
High Resistance Testing	10Vdc
A/D Resolution	16 bits
Resistance Accuracy	± 0.5Ω
High Resistance Accuracy	± 10%
L/C Output Accuracy	0.1%

PART NUMBER	
Part No.	Net Weight (kg)
LCT100.....	0.25