

## Load Cell Tester

### FEATURES

- Supports four independent weighing channels
- Simultaneous visualization of each individual load cell signal
- Automatic compensation and integrity verification of the individual load cell as well as the load cell connection
- Zero check of the load cell
- Linearity check of the instrument
- Read/write of setup file
- Monochrome graphic display with touch screen
- Easy connection to Junction Box SL-5

### APPLICATIONS

- All weighing and force measurement systems using load cells

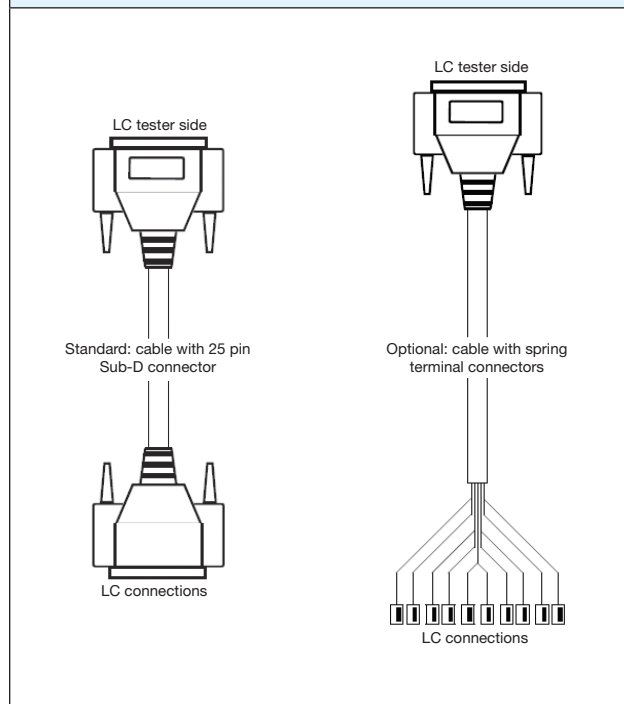
### DESCRIPTION

The load cell tester 1008 allows to test and calibrate a four load cell system in only few minutes, using a simple but practical serial cable connection.

The LCT 1008 allows for download of measurement results to a PC via an USB or RS232 connection.



### CONFIGURATION



### SPECIFICATIONS

PARAMETER	VALUE
Power supply	4 x 1.5 V alkaline batteries AA size 4 x 1.2 V NiMH rechargeable batteries AA size
Power consumption	Max. 200 mA
Operating temperature range	-10 to +50°C
Storage temperature range	-20 to +70°C
Display/Keyboard	monochrome LCD touch screen
Overall dimensions	185 x 93 x 36 mm (L x W x H)
Enclosure	Palm in ABS
Protection degree (front)	IP65
Load cells connections	standard: D-sub 25-pin connector; optional: cable with spring terminals
Load cells excitation voltage	3.3 VDC/50 mA (max 4 x 350 Ω LCs)
<b>4 individual load cells channels with the following performance</b>	
Linearity	<0.02% of full scale
Internal resolution	24 bit
Weight display resolution	Up to 50,000 counts
Input signal range	From -3.9 to +3.9mV/V
Decimal digits	Up to 3



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