

Digital Display Load Cell (Load Calibrator)



Model: LYLC



Load calibrator is used to measure the standard load value for all kinds of testing instrument, machine, balance, hydraulic system. It is also used to calibrate the load cell, hydraulic pressure sensor and all kinds of transducer which can measure the load. This instrument is combined by a high accuracy load cell and a sensitive digital indicator. It can be used to calibrate the instruments and machine which accuracy is 0.3%, 0.5% and 1%. This instrument is widely used in all kinds of laboratory, quality control department, testing machine factory, and testing machine users.

The model LYLC-XXX is named XXX as load capacity which is the max test load value for each instrument. Our load calibrator model load range is from 0.1kN to 5000kN.

Characters

- ★ High accuracy and resolution.
- ★ Multi-access: One indicator can be equipped with Max 10 Load cells channels
- ★ Each load cell can be calibrated in 7 load points, result in high accuracy.
- ★ Different load cell calibration value can be storied in the instrument in the system. When using different load cell, you can select the parameter easily.
- ★ Unit of the load selectable and changeable in : N, KN, MN, kgf, tf
- ★ On the LCD indicator, Easy to show the real and peak value of measurement process.
- ★ The instrument has optional RS232 interface can be connected to computer. It is easily to save the load value and show in the computer system.
- ★ The instrument with the official calibration report From Chinese National institute of metrology



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Specification

Testing range: 10%~100% of measuring range of each load cell

Accuracy: 0.3% (0.1% as special order)

Resolution: 0.001%

Calibration methods: By key on the control panel of indicator

Display method: The value can be show in the LCD indicator in 6 bits.

Related load cell: Bridge type load cell, and the output sensitivity is 1~4mV/V

Power supply: 220V single phase

Special load Cell selection

Load Cell	5KN	10KN	30KN	50KN	100KN	300KN	600KN	1000KN	2000KN	3000KN	5000KN
Using Type	T&C	T&C	T&C	T&C	T&C	T or C	C	C	C	C	C

Note: The using type meaning: T—Tension; C--Compression

Standard packing:

1. High accuracy load cell;
2. Digital indicator;
3. Aluminum alloy case;
4. Power cable and connection cable
4. Calibration report by the Chinese National institute of metrology of each load cell



Option accessories

1. RS 232 interface;
2. RS 232 Cable;
3. Software using the RS232 to Computer.



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