



The Loadblock Plus is a low capacity, self-indicating compression load cell, used in many testing and load monitoring applications worldwide.

The integral display eliminates the need for a separate display or cable assembly that can be easily damaged. Applications include the measurement of loads associated with the testing of hydraulic presses, cylinders or jacks.

This latest version of Crosby Straightpoint's Loadblock has advanced features and benefits that provide solutions for today's complicated load test, as well as force monitoring needs. Features include full function push button controls for tare, units of measure (lbs, kg, kN and tonnes), peak hold, pre-set tare, audible set-point alarm and an overload counter.

This crucial overload alarm counter is a requirement for many safety and quality control departments, as it keeps track of overload events. Should this occur, the load cell in question can be removed from service immediately, following the calibration-voiding overload event. It can then be sent out for proper testing and, if necessary, a recalibration can be done before it re-enters service.

The advanced microprocessor based electronics provide the Loadblock plus with high speed read rates (500/sec), extreme resistance to industrial level noise and unprecedented stability.

This high stability provides the Loadblock plus with 5,000+ divisions and the highest standard resolution of any self-indicating compression load cell on the market today.

The unit also features a RS-485 serial output port allowing for remote viewing with either the Handheld plus digital display/controller or Windows PC desktop controller data logging software.

**FEATURES AND BENEFITS**

- Large 25mm or 1" LCD Display
- High resolution
- 100Hz Peak hold
- Compact size
- Push button tare
- Preset tare
- RS485 port for connection to datalogging system
- Selectable units te, lbs, kN and kg

Optional connection to Straightpoint's Handheld plus Model - **HHP** Part No. **2789459**

SP Model	LBP250KG	LBP500KG	LBP1T	LBP2T	LBP5T
Crosby Part	2789035	2789037	2789034	2789036	2789038
Capacity	250 kg	500 kg	1 te	2 te	5 te
	550 lb	1,100 lb	2,200 lb	4,400 lb	11,000 lb
Resolution	0.1 kg	0.2 kg	0.0005 te	0.001 te	0.001 te
	0.2 lb	0.5 lb	1 lb	2 lb	2 lb
Units	t, kg, kN, lb				
	lb, te, kN, kg				
Weight	900 g	900 g	900 g	1.5 kg	3.1 kg
	2 lb	2 lb	2 lb	3.3 lb	6.8 lb
Safety Factor	4:1	5:1	5:1	5:1	5:1
Protection	IP65 / NEMA4x				
Battery Type	9v PP3				
Battery Life	80hrs continuous				
Display Type	6 digit 25 mm LCD / 6 digit 1 in LCD				
Operating Temp	-10 to +50 °C / 14 to 122°F				
Accuracy	+/- 0.1% FS				
Dimension A	81	81	81	92	92
	3.19	3.19	3.19	3.62	3.62
Dimension B	81	81	81	117	136
	3.19	3.19	3.19	4.61	5.35
Dimension C	113	113		112	112
	4.45	4.45	4.45	4.41	4.41
Dimension D	90	90	90	104	115
	3.54	3.54	3.54	4.09	4.53
Dimension E	104	104	104	N/A	
	4.09	4.09	4.09		