Load Cells

LRX Series 5 N - 2500 N

Afull bridge strain gauged loadcell complete with 4 pin plug adaptor for use with the LRX Series of machines. For *Plus* Series use XLC loadcells. The loadcell value and sensitivity factor shown on the loadcell label has to be entered on the LRX keypad before the loadcell can be used. The loadcells meet BS EN ISO 7500: 1999 and ASTM E4 for a ±0.5% accuracy loadcell. These standards state that the loadcell can be verified down to 2% of its load range at 0.5% accuracy of reading but can read down to zero load.



5N - 250N loadcells



500N - 2500N loadcells

Max Load (N)	Max Load (lbf)	Load Resolution (N)	Eye End Diameter (in)	Part No
5N	1.12 lbf	0.0004 N	5/8 in	01/2968
10 N	2.25 lbf	0.0004 N	5/8 in	01/2322
20N	4.5 lbf	0.0008 N	5/8 in	01/2600
50N	11.25 lbf	0.002 N	5/8 in	01/2321
100N	22.5 lbf	0.004 N	5/8 in	01/2320
250N	56.25 lbf	0.02 N	5/8 in	01/2992
500N	112.5 lbf	0.02 N	5/8 in	01/2164
1000N	225 lbf	0.04 N	5/8 in	01/2163
2500N	562.5 lbf	0.1 N	5/8 in	01/2131

XLC Series 5 N - 100 kN

Afull bridge strain gauged loadcell complete with 15 pin plug for use with LR, EZ and *Plus* Series machines. The loadcell value and sensitivity factors are stored in a memory device inside the loadcell plug so the loadcell is self-identifying. The loadcells meet BS EN ISO 7500 part 1 and ASTM E4 for a ±0.5% accuracy loadcell. These standards state that the loadcell can be verified down to 2% of its load range at 0.5% accuracy of reading but can read down to zero load.



5N - 500N loadcells



1000N - 50kN loadcells



100kN loadcell

Max Load (N)	Max Load (lbf)	Load Resolution (N)	Eye End Diameter (in)	Part No
5 N	1.12 lbf	0.0001 N	5/8 in	01/2946
10 N	2.25 lbf	0.0001 N	5/8 in	01/2360
20 N	4.5 lbf	0.001 N	5/8 in	01/2950
50 N	11.25 lbf	0.001 N	5/8 in	01/2361
100 N	22.5 lbf	0.001 N	5/8 in	01/2480
250 N	56.25 lbf	0.001 N	5/8 in	01/3048
500 N	112.5 lbf	0.01 N	5/8 in	01/2362
1000 N	225 lbf	0.01 N	5/8 in	01/2419
2500 N	562.5 lbf	0.1 N	5/8 in	01/2363
5000 N	1124 lbf	0.1 N	5/8 in	01/2364
10 kN	2248 lbf	0.1 N	5/8 in	01/2365
20 kN	4496 lbf	1.0 N	5/8 in & 1⁄ in	01/2417
30 kN	6744 lbf	1.0 N	5/8 in & 1⁄ in	01/2366
50 kN	11240 lbf	1.0 N	5/8 in & 1⁄ in	01/2367
100 kN	22480 lbf	1.0 N	5/8 in & 1⁄ in	01/2896