

LOAD CELLS

LOAD CELLS

TYPE	SB	TB	LFB	TSP	TSSP	CB	FX	ZX	Z	TSL
NTEP APPROVAL	87-059A1	99-018		97-136		96-091A2		92-192A2	88-166A1	
OIML APPROVAL	R60/1991-OK-97.02	R60/1991-DK-97.03	R60/1991-DK-00.02	R60/1991-DK-97.01	R60/1991-NL-00.02	R60/1991-DK-96.04				
ACCURACY CLASS	III 5000 / C3 IIIL 10000	III 5000 / C3	C3	III 5000 / C3 / C4	C3	III 4000 / C3 / C4		III 5000 IIIL 10000	III 5000/3000 IIIL 10000	
RATED OUTPUT	2mV/V	2mV/V	2mV/V	2mV/V	2mV/V	2mV/V	2mV/V	3mV/V	2mV/V	0.64mV/V
PROTECTION CLASS	IP-68	IP-65	IP-65	IP-65	IP-65	IP-68	IP-23	IP-66/68	IP-65	IP-65
MATERIAL	Stainless Steel	Stainless Steel	Stainless Steel	Aluminum	Stainless Steel	Stainless Steel	Aluminum	Stainless Steel	Aluminum	Stainless Steel
NOMINAL LOAD	2500 lb / 1135 kg 5000 lb / 2270 kg 10000 lb / 4535 kg 20000 lb / 9070 kg	1000 lb / 455 kg 2500 lb / 1135 kg 4000 lb / 1814 kg	250 lb / 115 kg 550 lb / 250 kg 1100 lb / 550 kg 2750 lb / 1250 kg	20 lb / 10 kg 35 lb / 15 kg 45 lb / 20 kg 65 lb / 30 kg 110 lb / 50 kg 220 lb / 100 kg	441 lb / 200 kg	20 lb / 10 kg 30 lb / 15 kg 40 lb / 20 kg 110 lb / 50 kg 200 lb / 100 kg 400 lb / 200 kg	7.7 lb / 3.5 kg	250 lb / 115 kg 500 lb / 225 kg 1000 lb / 455 kg 2500 lb / 1135 kg 3000 lb / 1360 kg 3000 lb / 2270 kg 10000 lb / 4535 kg 20000 lb / 9070 kg	50 lb / 23 kg 100 lb / 45 kg 250 lb / 115 kg 500 lb / 225 kg 1000 lb / 455 kg	500 μ E (micro strain)
APPLICATION										
DESCRIPTION	Rugged high capacity beam cell for high capacity applications	Smaller profile for high to medium capacity floor scales and hopper scales	Smaller profile for medium capacity floor and bench scales - medical scales	Ideal for small retail scales and bench scales	High performance cell for bench scales and medical scales	Robust beam cell for medium capacity floor and bench scales. Ideal for washdown applications.	Inexpensive load cell for small bench and retail applications	High performance tension load cell	Cost-effective tension load cell	For content indication on tanks, bins or other material storage containers

APPLICATION								
TYPE OF SCALE		Vessel Inventory Management	Suspended Vessel	Floor Scale	Large Bench Scale	Small/Medium Bench Scale	Livestock Scale	Clinical/Physician's Scale
SCALE CAPACITIES	7.7 lb - 1100 lb 3.5 kg - 500 kg	TSL		TB	TB	TSP, TSSP, CB		TSSP, LFB, TSP
	1100 lb - 16.5 T 500 kg - 15 t	TSL	Z, ZX	SB, LFB	LFB		SB, ZX	
	16.5 T - 275.5 T 15 t - 250 t	TSL						

All Cardinal load cells are manufactured in an ISO-9001:2000 registered environment, ensuring that each load cell performs as designed.

