

RL50210 TA

50lb-500lb Capacity Mini Tank Weighing Module

Standard Features

- Zinc plated, mild steel modules
- Lower weighing ranges from 50 lb-500 lb (22.7 kg-226.8 kg) per module
- Environmentally protected load cells
- Neoprene isolation/compression mounts allow for minor misalignment, thermal expansion and shock absorption
- Overload stop for 500 lb (226.8 kg) modules provides durability

Applications

- Small tanks and hoppers
- Conveyor/In-motion weighing
- Small platform scales where minor shock loading may be a problem

Optional Features

- Stainless steel modules available in 50, 100, 150, 250 and 500 lb (22.7, 45.4, 68.0, 113.4, 226.8 kg) capacities with RL50210SS, RL50210SS and RL39123 stainless steel load cells or VPG Sensortronics® 65023 SS load cells
- 65059 kits available with VPG Sensortronics 60040 load cells, capacities: 50 lb-250 lb (22.7 kg-113.4 kg) or 65023 load cells, capacity: 500 lb (226.8 kg)

Complete Kit Includes

- 1 JB4SS NEMA Type 4X stainless steel signal trim junction box
- 3 or 4 RL50210 cantilever beam load cells (50 lb -250 lb models)
- 3 or 4 RL30000 single-ended beam load cells (500 lb models)
- 3 or 4 RL50210SS cantilever beam load cells (50 lb-250 lb)
- 3 or 4 RL39123 stainless steel single-ended beam load cells (500 lb kits)
- 3 or 4 neoprene isolation/compression mounts
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

Load Cell Certifications



Rice Lake model only, not stainless steel models



Available in configurations with three or four mounting assemblies.

Picture is a representation of actual product

The RL50210 TA weigh module kit provides a cost-effective alternative for your customers' low-range weighing needs. A variety of features makes this kit easy to install and an exceptional choice for various indoor weighing applications where checking requirements are low. Environmentally protected load cells, neoprene isolation/compression mounts and other Rice Lake Weighing Systems' components are the keys to this module's outstanding performance.

Module with RL50210 or RL50210SS cantilever beam load cell; capacities (per module): 50 lb (22.7 kg), 100 lb (45.4 kg), 150 lb (68.0 kg) and 250 lb (113.4 kg). 500 lb model features RL30000 single-ended beam load cell



RL50210 TA mild steel
(50 lb-250 lb)

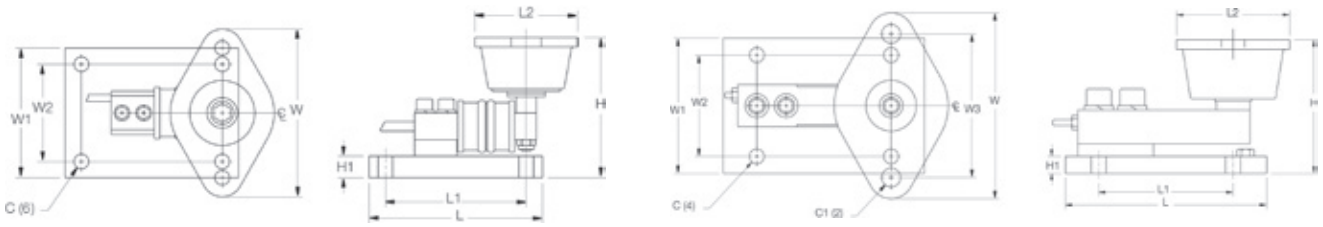


RL50210 TA-SS, stainless steel
(50 lb-250 lb)

* Not FM approved

RL50210 TA

50lb-500lb Capacity Mini Tank Weighing Module



50-250 lb (22.7-113.4 kg)

500 lb (226.8 kg)

Dimensions

RATED CAPACITY	C	C1	H	H1	L	L1	L2	W	W1	W2	W3
lb/inches											
50-250	0.34	—	3.13	0.50	4.00	3.25	2.38	3.88	3.00	2.25	—
500	0.44	0.56	3.88	0.50	6.00	4.00	3.38	5.50	4.00	3.00	4.13
kg/mm											
22.7-113.4	8.6	—	79.5	12.7	101.6	82.6	60.5	98.6	76.2	57.2	—
226.8	11.2	14.2	98.6	12.7	152.4	101.6	85.9	139.7	101.6	76.2	104.9

Order Information

LOAD RATING (PER MODULE)*	PART #	PRICE
Mild Steel Single Module (Includes Load Cell)		
50 lb (22.7 kg)	17844	\$395.00
100 lb (45.4 kg)	17845	395.00
150 lb (68.0 kg)	17846	395.00
250 lb (113.4 kg)	17847	395.00
500 lb (226.8 kg)	17848	525.00
Mild Steel 3-Module Kit		
50 lb (22.7 kg)	18051	1,370.00
100 lb (45.4 kg)	18052	1,370.00
150 lb (68.0 kg)	18053	1,370.00
250 lb (113.4 kg)	18054	1,370.00
500 lb (226.8 kg)	18055	1,775.00
Mild Steel 4-Module Kit		
50 lb (22.7 kg)	18057	1,760.00
100 lb (45.4 kg)	18058	1,760.00
150 lb (68.0 kg)	18059	1,760.00
250 lb (113.4 kg)	18060	1,760.00
500 lb (226.8 kg)	18061	2,250.00
Stainless Steel Single Module (Includes Load Cell)		
50 lb (22.7 kg)	63033	625.00
100 lb (45.4 kg)	63034	625.00
150 lb (68.0 kg)	63035	625.00
250 lb (113.4 kg)	63036	625.00
500 lb (226.8 kg)	17954	610.00
Stainless Steel 3-Module Kit		
500 lb (226.8 kg)	30394	2,020.00
Stainless Steel 4-Module Kit		
500 lb (226.8 kg)	30393	2,650.00

VPG Sensortronics 65059

Order Information

LOAD RATING (PER MODULE)*	PART #	PRICE
Mild Steel Single Module (Includes Load Cell)		
50 lb (22.7 kg)	17825	\$395.00
100 lb (45.4 kg)	17826	395.00
150 lb (68.0 kg)	17827	395.00
250 lb (113.4 kg)	17828	395.00
500 lb (226.8 kg)	17829	525.00
Mild Steel 3-Module Kit		
50 lb (22.7 kg)	18063	1,370.00
100 lb (45.4 kg)	18064	1,370.00
150 lb (68.0 kg)	18065	1,370.00
250 lb (113.4 kg)	18066	1,370.00
500 lb (226.8 kg)	18067	1,775.00
Mild Steel 4-Module Kit		
50 lb (22.7 kg)	18069	1,760.00
100 lb (45.4 kg)	18070	1,760.00
150 lb (68.0 kg)	18071	1,760.00
250 lb (113.4 kg)	18072	1,760.00
500 lb (226.8 kg)	18073	2,250.00
Stainless Steel Single Module (Includes Load Cell)		
500 lb (226.8 kg)	17950	610.00
Stainless Steel 3-Module Kit		
500 lb (226.8 kg)	30392	2,020.00
Stainless Steel 4-Module Kit		
500 lb (226.8 kg)	30391	2,650.00

* Load rating is per module