ITCM SS

Stainless Steel Isolated Tension Cell Modules

Standard Features

- Capacities (per module): 100 lb-5,000 lb (45.4 kg-2,268.0 kg)
- · Clevis mounts with nylon insulating washers
- PTFE-lined rod-end ball joints
- · Load cell is completely isolated from stray currents
- · Grounding strap provides alternative path to ground
- · Complete package for ease of installation
- · Provides correct load cell loading even in difficult installations
- · Lower overall height compared to other isolated tension assemblies

Applications

- Suspended hoppers and tanks
- Mechanical scale conversions
- Use as a single module or in multiples

Complete Kit Includes

- 3 or 4 ITCM assemblies with RL20000 ST NTEP Certified s-beam load cells
- 1 JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

Load Cell Certifications





Available in configurations with three or four mounting assemblies. Picture is a representation of actual product

The ITCM Series utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications and mechanical scale conversions. The ITCM SS incorporates clevis and unique rod-end ball joint assemblies to reduce the overall length to less than half of the traditional tension cell mounts, while providing correct load alignment. In addition, the load cell is completely electrically isolated from stray currents, which are a major cause of load cell failure. To complete the design, a grounding strap connects the two clevis assemblies to further provide safety to your load cells.



Module with RL20000 ST s-beam load cell. Important: Read "Load Cell Mounting Hardware Safety Guidelines"

RICE LAKE

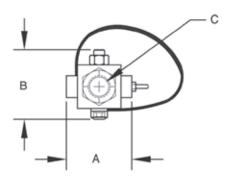
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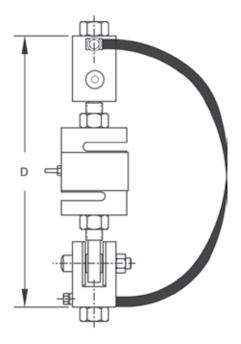
Stainless Steel Isolated Tension Cell Modules

Load Rating Dimensions - Inches (mm)*

LOAD CELL CAPACITY Α В C D SINGLE MODULE **3-MODULE KIT 4-MODULE KIT** Part # Price Price Part # Price Part # 100 lb (45.4 kg) 2.00 (50.8)1.81 (46.0)3/8-16 NC 7.00 (ref) (177.8)46765 \$750.00 46735 \$2,460.00 46751 \$3,115.00 100 lb (45.4 kg) 2.00 (50.8)1.81 (46.0)1/2-13 NC 7.00 (ref) (177.8)46766 750.00 46736 2,460.00 46752 3,115.00 250 lb 2.00 3/8-16 NC 7.00 (ref) 750.00 46737 3,115.00 (113.4 kg) (50.8)1.81 (46.0)(177.8)46767 2,460.00 46753 250 lb 2.00 (50.8)1.81 (46.0)1/2-13 NC 7.00 (ref) 46768 750.00 46738 2,460.00 46754 3,115.00 (113.4 kg) (177.8)750.00 500 lb (226.8 kg) 2.68 (68.1) 2.68 (68.1) 1/2-13 NC 9.50 (ref) (241.3)46769 46739 2,460.00 46755 3,115.00 500 lb (226.8 kg) 2.68 (68.1) 2.68 (68.1) 5/8-11 NC 9.50 (ref) (241.3)46770 750.00 46740 2,460.00 46756 3,115.00 750 lb (340.2 kg) 2.68 (68.1) 2.68 (68.1) 1/2-13NC 9.50 (ref) (241.3)46771 750.00 46741 2,460.00 46757 3,115.00 (340.2 kg) 750 lb 2.68 (68.1)2.68 (68.1) 5/8-11 NC (241.3)46772 750.00 46742 2,460.00 46758 3,115.00 9.50 (ref) (453.6 kg) 1,000 lb 2.68 (68.1) 2.68 (68.1) 1/2-13NC 9.50 (ref) (241.3)46773 750.00 46743 2,460.00 46759 3,115.00 46774 750.00 1,000 lb (453.6 kg) 2.68 (68.1) 2.68 (68.1) 5/8-11 NC 9.50 (ref) (241.3)46744 2,460.00 46760 3,115.00 2,500 lb (1,134.0 kg) 2.68 (68.1) 2.68 5/8-11 NC 9.50 (ref) (241.3)46775 750.00 46745 2,460.00 46761 3,115.00 (68.1) 750.00 2,500 lb (1,134.0 kg) 2.68 (68.1) 2.68 (68.1) 3/4-10 NC 9.50 (ref) (241.3) 46776 46746 2,460.00 46762 3,115.00 3,000 lb (1,360.8 kg) 3.37 (85.6) 3.37 (85.6) 3/4-10 NC 10.75 (ref) (273.0)46777 800.00 46747 2,610.00 46763 3,315.00 5,000 lb (2,268.0 kg) 3.37 (85.6) 3.37 (85.6) 3/4-10 NC 12.00 (ref) (304.8)46778 1,390.00 46748 4,455.00 46764 5,775.00

* Load rating is per module





Order Information

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