



WE

DUAL SHEAR BEAM LOAD CELL

applications

- Tank, Bin and Hopper Weighing
- Mixer and Blender Weighing
- Bulk Material Inventory/Processing
- Silo/Large Vessel Weighing
- Legal-For-Trade Certified Systems

features

- 5,000 to 150,000 lbs. Capacities
- Excellent Overall Performance
- Dual Shear Beam Technology
- 0.03% Accuracy Class
- Alloy Tool Steel Element
- High Eccentric Load Tolerance
- Companion Weigh Module
- Matched Output Sensitivities
- IP67 Environmental Sealing
- Two Year Warranty

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NIST H-44 NTEP CERTIFIED "LEGAL-FOR-TRADE"

- CLASS IIIIL: 10,000D/Multiple
- 20, 000 Through 150,000 lbs. Capacities

The WE Series is a robust, high performance, bonded foil strain gage load cell constructed of alloy tool steel (WE1). The WE Series load cells are designed to accurately measure compression loads in capacities ranging from 5,000 lbs. to 150,000 lbs. The rugged Dual Shear Beam design readily tolerates angular, eccentric and side loading effects, with minimal sensitivity to these anomalies. To achieve a sealing rating of IP67 (thoroughly sealed against airborne particles and the effects of immersion up to 1 meter.) proprietary, composite environmental barriers are integrated to protect the load cell. The cable is a durable polyurethane-jacketed cable, with a tin-copper braided shield for mechanical protection and to minimize the effects of RFI and EMI. The WE Series output sensitivities are held to a close tolerance to facilitate summing in multiple load cell applications. Unique mounting solutions are available to address application-specific requirements. The attributes of the WE Series make it ideal for inventory monitoring, tank/bin/hopper weighing, bulk material handling, specialty applications such as web tension and steel coil weighing, as well as for O.E.M. situations where a versatile, rugged and high performance NTEP Certified load cell solution is needed.



MH1 Weigh Module

Innovative Measurement Solutions



