

Celtron Load Cells

Product Overview



| Product | Features | Capacities |
|---|--|--|
| Aluminum Single Point Load Cells | | |
| LOC  | Anodized aluminum construction Floor and bench platform scales, counting scales, check weighers Platform size: 40 cm x 60 cm (16 in. x 24 in.) NTEP III 5000S (5 kg to 500 kg), OIML C3 (5 kg to 500 kg), IP66, FM* Interchangeable: Tedeo-Huntleigh 1263 (LOC ME), 1250 / 1252 (LOC LE), 1042 (LOC SE) | 5, 7, 10, 15, 20, 30, 50, 60, 75, 100, 150, 250, 300, 500, 635, 800, 1000 kg |
| LPS  | Anodized aluminum construction Retail and counting scales; packaging, dosing, and filling machines Low-profile compact design. Platform size: LPS SE—20 cm x 20 cm (8 in. x 8 in.), LPS ME—30 cm x 30 cm (12 in. x 12 in.), LPS LE—40 cm x 40 cm (16 in. x 16 in.) NTEP III 5000S (LPS ME), OIML C3, IP66, FM Approval Interchangeable: Tedeo-Huntleigh 1006 (LPS SE), 1022 (LPS ME), 1242 (LPS LE) | LPS SE: 0.6, 1, 2, 3 kg LPS ME: 6, 10, 15, 20, 30, 35 kg LPS LE: 60, 100, 200 kg |
| HOC  | Anodized aluminum construction Floor platform scales, hoppers, belt conveyor scales Side-mount, rugged design with low sensitivity to moment Platform size: 120 cm x 120 cm (48 in. x 48 in.) OIML C3, IP66, FM* Interchangeable: Tedeo-Huntleigh 1320 | 750, 1000, 2000 kg |
| S-Type Load Cells | | |
| STC/STC-SS/STC-Aluminum  | STC nickel-plated alloy tool steel, STC-SS stainless steel construction, or STC-aluminum construction Bin, hopper, and belt conveyor scales Tension and compression measurements NTEP III 5000S and IIIIL 10000S (250 lb to 20K lb), IP67, FM* Interchangeable: Sensortronics 60001 and 60050, Tedeo-Huntleigh 615 and 616 | STC-Aluminum: 5, 10, 20 kg STC/STC-SS: 25, 50, 75, 100, 250, 500, 750, 1000, 1500, 2000, 2500, 5000 kg 250, 300, 500, 750, 1000, 1500, 2000, 2500, 3000, 5000, 7500, 10000, 15000, 20000, 40000 lb |
| Shear Beam Load Cells | | |
| SQB/SQB-SS/SEB  | SQB/SEB nickel-plated alloy tool steel or SQB-SS Stainless Steel construction Floor scales; tank, bin, and hopper weighing Through- or threaded-load hole SQB—NTEP III 5000M (1K lb to 10K lb), FM* SEB—OIML C3 (0.5K lb to 2.5K kg), IP67, FM* Interchangeable: Sensortronics 65023, Tedeo-Huntleigh 3410, Revere 5123 | 250, 500, 1000, 1500, 2000, 2500, 5000 kg 500, 1000, 2000, 2500, 3000, 4000, 5000, 10000, 15000, 20000 lb |
| Hermetically-Sealed Bending Beam | | |
| HBB  | Stainless steel construction (alloy steel for 30 kg and 75 kg capacities) OIML C3 approval for stainless versions Platform scales, silo/hopper/tank weighing, packaging machines, dosing/filling, belt scales/convey or scales | 10, 20, 30, 50, 75, 100, 200, 250 kg (30, 75 kg alloy steel) |

* FM Approval optional

| Product | Features | Capacities |
|---|--|---|
| Double-Ended Shear Beam Load Cells | | |
| DSR/DSR-SS  | DSR nickel-plated alloy tool steel or DSR-SS stainless steel construction Batching, blending, and mixing; level and inventory monitoring; tank, bin, and silo weighing IP67, FM* Interchangeable: Sensortronics 65016, Revere 5203/9203 | 1000, 1500, 2000, 2500, 3000, 5000, 10000, 15000, 20000, 25000, 50000, 75000 lb |
| DSR-HSS  | Stainless Steel, welded construction. Batching, blending, and mixing; level and inventory monitoring; tank, bin, and silo weighing IP68, FM* Interchangeable: Sensortronics 65016-0104W | 2000, 2500, 3000, 5000, 10000, 15000, 20000, 25000, 50000, 75000 lb |
| DLB  | Nickel-plated alloy tool steel construction Truck and railroad track scales Double-ended link loading NTEP III L 10000M, IP67, FM* Interchangeable: Sensortronics 65040 | 25000, 40000, 50000, 60000, 75000, 100000, 125000 lb |
| CLB  | Nickel-plated alloy tool steel construction Truck and railroad track scales; tank, bin, and silo weighing NTEP III L 10000M, IP67, FM* Interchangeable: Sensortronics 65058, Tedea-Huntleigh 4158, Revere 5303 | 20000, 25000, 40000, 50000, 60000, 75000, 100000, 125000 lb |
| CSB  | Nickel-plated alloy tool steel construction Truck and railroad track scales; tank, bin, and silo weighing NTEP III L 10000M, IP67, FM* Interchangeable: Sensortronics 60058, Revere 5103 | 5000, 10000, 20000, 30000, 40000, 50000, 60000, 100000, 150000 lb |
| MDB/MDB-H  | MDB: nickel-plated alloy tool steel, IP67, FM* MDB-H: nickel-plated alloy tool steel welded construction, IP68. Hermetically sealed version available Truck and railroad track scales Supplied with mounting hardware | 10000, 20000, 25000, 30000, 40000, 50000 kg |
| Compression Load Cells | | |
| PSD  | Nickel-plated alloy tool steel construction (200 kg made of aluminum) Truck scales; tank, bin, and silo weighing; universal material tester Low-profile, low-deflection disk design IP67 | 200, 500, 1000, 1500, 2500, 5000, 10000, 25000 kg |
| LCD  | Nickel-plated alloy tool steel construction Truck scales; tank, bin, and silo weighing; universal material tester Low-profile, low-deflection, high-output disk design IP67, FM* | 5000, 10000, 25000, 50000, 100000 lb |
| MFT  | Alloy steel construction (aluminum for low capacities) Testing machines, hopper/tank/silo weighing Compact size, low profile IP66 | 0.1, 0.2, 0.3, 0.5, 60, 200 † (100, 200, 300 and 500 kg aluminum) |

* FM Approval optional

VPG Transducers

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