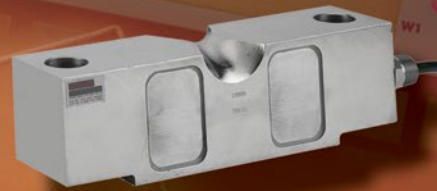


# Tedea-Huntleigh Load Cells

Product Overview



| Product  | Features   | Capacities   |
|--|--|--|
| <b>Aluminum Single-Point Load Cells</b>  |  |  |
| 1002<br>        | Anodized aluminum construction<br>Environmental sealed IP66<br>Platform size 200 mm x 200 mm   | 0.5, 1, 2, 3, 5, 8, 15, 20 kg                        |
| 1004<br>        | Anodized aluminum construction<br>Environmental sealed IP66<br>OIML certified versions available<br>Platform size 200 mm x 200 mm  | 0.2, 0.3, 0.6, 1.5, 3 kg                             |
| 1005<br>        | Anodized aluminum construction<br>Environmental sealed IP66<br>Platform size 70 mm x 70 mm   | 1, 3, 5 kg   |
| 1006<br>        | Anodized aluminum construction<br>Environmental sealed IP66<br>Platform size 200 mm x 200 mm   | 2, 3, 5 kg   |
| 1010/1015<br>  | Anodized aluminum construction<br>Environmental sealed IP65 (optional IP67)<br>Certified to NTEP 5000d<br>Factory Mutual approved for intrinsic safety<br>Platform size 400 mm x 400 mm  | 3, 5, 7, 10, 15, 20, 30, 50, 90 kg                   |
| 1022<br>      | Anodized aluminum construction<br>Environmental sealed IP66<br>OIML and NTEP certified version available<br>ATEX certified versions available for explosive atmosphere<br>IECEx approval available<br>Factory Mutual approved for intrinsic safety<br>Platform size 350 mm x 350 mm  | 3, 5, 7, 10, 15, 20, 30, 35, 50, 100, 150, 200 kg    |
| 1030<br>      | Anodized aluminum construction<br>Environmental sealed IP65 (optional IP67)<br>OIML certified versions available<br>Factory Mutual approved for intrinsic safety<br>Platform size 350 mm x 350 mm  | 2, 3, 5, 7, 10, 15 kg                                |
| 1040/1041<br> | Anodized aluminum construction<br>Environmental sealed IP65 (optional IP67)<br>Certified to OIML 3500d<br>Certified to NTEP 5000d<br>Factory Mutual approved for intrinsic safety<br>Platform size 400 mm x 400 mm   | 5, 7, 10, 15, 20, 30, 50, 75, 100 kg                 |
| 1042<br>      | Anodized aluminum construction<br>Environmental sealed IP66<br>OIML and NTEP certified versions available<br>ATEX certified versions available for explosive atmosphere<br>IECEx approval available<br>Factory Mutual approved for intrinsic safety<br>Platform size 400 mm x 400 mm | 1, 3, 5, 7, 10, 15, 20, 30, 50, 75, 100, 150, 250 kg |

| Product  | Features  | Capacities  |
|--|---|---|
| <b>Aluminum Single-Point Load Cells (cont.)</b>  |   |   |
| <b>1242</b><br>   | Anodized aluminum construction<br>Environmental sealed IP66<br>Certified to OIML 6000d<br>Certified to NTEP 5000d<br>ATEX certified versions available for explosive atmosphere<br>IECEx approval available<br>Factory Mutual approved for intrinsic safety<br>Platform size 400 mm x 400 mm                              | 50, 100, 150, 200, 250 kg                                     |
| <b>1250</b><br>   | Anodized aluminum construction<br>Environmental sealed IP65 (optional IP67)<br>OIML and NTEP certified versions available<br>ATEX certified versions available for explosive atmosphere<br>Factory Mutual approved for intrinsic safety<br>Platform sizes: 50 - 500 kg: 800 mm x 800 mm<br>635 - 1500 kg: 600 mm x 600 mm | 50, 75, 100, 150, 200, 250, 300, 500, 635, 750, 1000, 1500 kg |
| <b>1252</b><br>  | Anodized aluminum construction<br>Environmental sealed IP66<br>OIML certified versions available<br>ATEX certified versions available for explosive atmosphere<br>IECEx approval available<br>Factory Mutual approved for intrinsic safety<br>Platform size 600 mm x 600 mm   | 75, 100, 150, 200, 250, 300, 500, 635 kg                      |
| <b>1260</b><br> | Anodized aluminum construction<br>Environmental sealed IP66<br>Certified to OIML 3000d<br>NTEP certified versions available<br>ATEX certified versions available for explosive atmosphere<br>IECEx approval available<br>Factory Mutual approved for intrinsic safety<br>Platform size 600 mm x 600 mm                    | 50, 75, 100, 150, 200, 250, 300, 500, 635, 660, 1000 kg       |
| <b>1262</b><br> | Aluminum construction<br>Single-point 400 x 400 mm platform<br>IP66 protection<br>Available with metric threads   | 100, 200 kg   |
| <b>1263</b><br> | Anodized aluminum construction<br>Environmental sealed IP66<br>Certified to OIML 3000d<br>ATEX certified versions available for explosive atmosphere<br>IECEx approval available<br>Platform size 600 mm x 600 mm   | 50, 100, 150, 200, 250, 300, 500, 635 kg                      |
| <b>1320</b><br> | Anodized aluminum construction<br>Environmental sealed IP66<br>Certified to OIML 3000d<br>Certified to NTEP 3000d<br>ATEX certified versions available for explosive atmosphere<br>IECEx approval available<br>Factory Mutual approved for intrinsic safety<br>Platform size 1200 mm x 1200 mm                            | 1000, 1500, 2000 kg   |

| Product  | Features   | Capacities   |
|--|--|--|
| <b>Aluminum Single-Point Load Cells (cont.)</b>  |  |  |
| 1330<br>        | Anodized aluminum construction<br>Environmental sealed IP66<br>OIML certified versions available<br>Platform size 800 mm x 800 mm  | 500, 750, 1000 kg  |
| <b>Stainless Steel Single Point</b>  |  |  |
| 1130<br>        | Stainless steel construction<br>Environmental sealed IP66<br>OIML and NTEP certified versions available<br>ATEX certified versions available for explosive atmosphere<br>IECEx approval available<br>Factory Mutual approved for intrinsic safety<br>Platform size 400 mm x 400 mm   | 7, 10, 15, 20, 30, 50, 75, 100 kg  |
| 1140<br>       | Stainless steel construction<br>Environmental sealed IP65 (optional IP67)<br>Factory Mutual approved for intrinsic safety<br>Platform size 400 mm x 400 mm   | 15, 20, 30, 50, 75, 100, 150 kg  |
| 1142<br>      | Stainless steel construction<br>Environmental sealed IP66<br>OIML and NTEP certified versions available<br>ATEX certified versions available for explosive atmosphere<br>IECEx approval available<br>Factory Mutual approved for intrinsic safety<br>Platform size 400 mm x 400 mm   | 10, 15, 20, 30, 50, 75, 100, 150 kg                                      |
| 1510<br>      | Stainless steel construction<br>Hermetically sealed IP68<br>Certified to OIML 4000d<br>NTEP certified versions available<br>ATEX certified versions available for explosive atmosphere<br>Factory Mutual approved for intrinsic safety<br>Platform size 600 mm x 600 mm  | 100, 250, 500 kg   |
| <b>Beam Load Cells</b>   |  |  |
| 355<br>       | Stainless steel construction<br>Hermetically sealed IP68<br>Certified to OIML 4000d<br>NTEP certified versions available<br>ATEX certified versions available for explosive atmosphere<br>Factory Mutual approved for intrinsic safety   | 5, 10, 20, 30, 50, 100, 200, 250, 500 kg                                 |
| 3410/3420<br> | Nickel plated steel and stainless steel construction<br>Environmental sealed IP67<br>Model 3410 only: Certified to OIML 3000d<br>NTEP certified versions available<br>ATEX certified versions available for explosive atmosphere<br>Factory Mutual approved for intrinsic safety<br>Model 3410 only: OIML 3000d, ATEX for explosive atmosphere | 250, 500, 1000, 2000 kg<br>1000, 1500, 2500, 4000, 5000, 7500, 10000 lbs |

| Product   | Features  | Capacities  |
|---|---|---|
| <b>Beam Load Cells (cont.)</b>  |   |   |
| <b>3520</b><br>  | Stainless steel construction<br>Environmental sealed IP67<br>Certified to OIML 6000d<br>ATEX certified versions available for explosive atmosphere  | 500, 1000, 2000 kg  |
| <b>3510</b><br>  | Stainless steel construction<br>Hermetically sealed IP68<br>OIML and NTEP certified versions available<br>ATEX certified versions available for explosive atmosphere<br>Factory Mutual approved for intrinsic safety                    | 300, 500, 750, 1000, 1200,<br>2000, 3000, 5000 kg<br><br>1000, 1500, 2500, 4000 lbs |
| <b>4158</b><br> | Nickel plated steel construction<br>Environmental sealed IP67<br>NTEP certified versions available<br>ATEX certified versions available for explosive atmosphere<br>Factory Mutual approved for intrinsic safety                        | 10k, 20k, 25k, 40k, 50k, 60k,<br>75k lbs  |
| <b>Compression Load Cells</b>   |   |   |
| <b>120</b><br> | Stainless steel enclosure (includes cups, rubber ring, load adapter)<br>Hermetically sealed IP68<br>Surge arrestors fitted  | 3, 5, 10, 20, 30, 50 t  |
| <b>121</b><br> | Stainless steel housing (includes cups, rubber ring, load adapter, anti-rotation collar)<br>Hermetically sealed IP68<br>Surge arrestors fitted<br>Simple to install   | 10, 20, 30, 50 t  |
| <b>122</b><br> | Stainless steel enclosure (includes load adapter)<br>Hermetically sealed IP68   | 50, 68, 100, 150 t  |
| <b>220</b><br> | Stainless steel construction<br>Hermetically sealed IP68<br>OIML certified versions available<br>Certified to NTEP 10000d<br>ATEX certified versions available for explosive atmosphere<br>Factory Mutual approved for intrinsic safety | 5, 10, 20, 30, 50 t   |

| Product   | Features  | Capacities   |
|---|---|--|
| <b>Damped Load Cells</b>  |   |  |
| <p>240</p>     | <p>Epoxy painted steel enclosure / stainless steel enclosure<br/>                     Environmental sealed IP66<br/>                     OIML and NTEP certified versions available</p>   | <p>2, 3, 5, 7, 10, 15,<br/>                     20, 30, 50 kg</p>  |
| <p>1410</p>   | <p>The first and only load cell specifically designed for use in rotary filling machines (tested up to 20 RPM)<br/>                     Short setting times<br/>                     High resistance to side loads<br/>                     Effective isolation of base vibrations<br/>                     Centrifugal forces do not affect accuracy<br/>                     Two mounting options<br/>                     Factory Mutual approved for intrinsic safety</p> | <p>10, 20, 30 kg</p>   |
| <p>1430</p>  | <p>Stainless steel construction<br/>                     Insensitive to rotary dynamic forces<br/>                     Single point performance<br/>                     Rotary speed to 13 rpm at 1 m radius<br/>                     Sealed wash down configuration</p>   | <p>3 kg, 17.23 lbs</p>   |
| <p>9010</p>  | <p>Electroless nickel plated enclosure / stainless steel enclosure<br/>                     Environmental sealed IP65<br/>                     Unique adjustable tare load-canceling mechanism<br/>                     Tested to 300 million cycles<br/>                     OIML certified versions available<br/>                     Factory Mutual approved for intrinsic safety</p>   | <p>3, 5, 7, 10, 15,<br/>                     20, 30, 50, 90 kg</p> |

| Product   | Features   | Capacities  |
|---|--|---|
| <b>S-Type Universal Load Cells</b>  |  |   |
| <p>614</p>       | <p>Aluminum construction<br/>Environmental sealed IP67<br/>Certified to OIML 3000d</p>   | <p>50,100, 150, 200, 300, 500 kg</p>                |
| <p>615/616</p>  | <p>Nickel plated construction (615) /<br/>stainless steel construction (616)<br/>Environmental sealed IP67</p>   | <p>50,100, 150, 200, 300, 500,<br/>750, 1000 kg</p> |
| <p>619</p>     | <p>Nickel plated construction<br/>Environmental weld sealed IP67</p>   | <p>1.5, 2, 3, 5 t</p>                               |
| <p>620</p>     | <p>Stainless steel construction<br/>Hermetically sealed IP68<br/>Certified to OIML 3000d<br/>Certified to NTEP 5000d<br/>ATEX certified versions available for explosive atmosphere<br/>Factory Mutual approved for intrinsic safety</p> | <p>0.5, 1, 2, 5 t</p>                               |

# VPG Transducers

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