



VISHAY INTERTECHNOLOGY, INC.

LOAD CELLS

## LOAD CELLS

Vishay Tedea-Huntleigh

PRODUCT OVERVIEW





# Load Cells





Vishay Tedea-Huntleigh

Aluminum Single-Point Load Cells		
Product	Features	Capacities
<b>1002</b> 	<ul style="list-style-type: none"><li>Anodized aluminum construction</li><li>Environmental sealed IP66</li><li>Platform size 200 x 200 mm</li></ul>	<b>0.5, 1, 2, 3, 5, 8, 15, 20 kg</b>
<b>1004</b> 	<ul style="list-style-type: none"><li>Anodized aluminum construction</li><li>Environmental sealed IP66</li><li>Certified to OIML 3000d</li><li>Platform size 200 x 200 mm</li></ul>	<b>0.2, 0.3, 0.6, 1.5, 3 kg</b>
<b>1006</b> 	<ul style="list-style-type: none"><li>Anodized aluminum construction</li><li>Environmental sealed IP66</li><li>Platform size 200 x 200 mm</li></ul>	<b>2, 3, 5 kg</b>
<b>1010/1015</b> 	<ul style="list-style-type: none"><li>Anodized aluminum construction</li><li>Environmental sealed IP65 (optional IP67)</li><li>Certified to NTEP 5000d</li><li>ATEX certified versions available for explosive atmosphere</li><li>Factory Mutual approved for intrinsic safety</li><li>Platform size 400 x 400 mm</li></ul>	<b>3, 5, 7, 10, 15, 20, 30, 50, 90 kg</b>
<b>1022</b> 	<ul style="list-style-type: none"><li>Anodized aluminum construction</li><li>Environmental sealed IP66</li><li>Certified to OIML 4000d</li><li>Certified to NTEP 5000d</li><li>ATEX certified versions available for explosive atmosphere</li><li>Factory Mutual approved for intrinsic safety</li><li>Platform size 350 x 350 mm</li></ul>	<b>3, 5, 7, 10, 15, 20, 30, 35, 50, 100, 150, 200 kg</b>
<b>1030</b> 	<ul style="list-style-type: none"><li>Anodized aluminum construction</li><li>Environmental sealed IP65 (optional IP67)</li><li>Certified to OIML 2500d</li><li>ATEX certified versions available for explosive atmosphere</li><li>Factory Mutual approved for intrinsic safety</li><li>Platform size 350 x 350 mm</li></ul>	<b>2, 3, 5, 7, 10, 15 kg</b>
<b>1040</b> 	<ul style="list-style-type: none"><li>Anodized aluminum construction</li><li>Environmental sealed IP65 (optional IP67)</li><li>Certified to OIML 3000d</li><li>Certified to NTEP 5000d</li><li>ATEX certified versions available for explosive atmosphere</li><li>Factory Mutual approved for intrinsic safety</li><li>Platform size 400 x 400 mm</li></ul>	<b>5, 7, 10, 15, 20, 30, 50, 75, 100 kg</b>
<b>1042</b> 	<ul style="list-style-type: none"><li>Anodized aluminum construction</li><li>Environmental sealed IP66</li><li>Certified to OIML 6000d</li><li>Certified to NTEP 5000d</li><li>ATEX certified versions available for explosive atmosphere</li><li>Factory Mutual approved for intrinsic safety</li><li>Platform size 400 x 400 mm</li></ul>	<b>1, 3, 5, 7, 10, 15, 20, 30, 50, 75, 100, 150, 250 kg</b>

## Aluminum Single-Point Load Cells (cont.)

Product	Features	Capacities
<b>1242</b> 	<ul style="list-style-type: none"> <li>Anodized aluminum construction</li> <li>Environmental sealed IP66</li> <li>Certified to OIML 6000d</li> <li>Certified to NTEP 5000d</li> <li>ATEX certified versions available for explosive atmosphere</li> <li>Factory Mutual approved for intrinsic safety</li> <li>Platform size 400 x 400 mm</li> </ul>	<b>50, 100, 150, 200, 250 kg</b>
<b>1250</b> 	<ul style="list-style-type: none"> <li>Anodized aluminum construction</li> <li>Environmental sealed IP65 (optional IP67)</li> <li>Certified to OIML 3000d</li> <li>Certified to NTEP 5000d</li> <li>ATEX certified versions available for explosive atmosphere</li> <li>Factory Mutual approved for intrinsic safety</li> <li>Platform size 800 x 800 mm</li> </ul>	<b>50, 75, 100, 150, 200, 250, 300, 500, 635, 750, 1000, 1500 kg</b>
<b>1252</b> 	<ul style="list-style-type: none"> <li>Anodized aluminum construction</li> <li>Environmental sealed IP66</li> <li>Certified to OIML 3000d</li> <li>Certified to NTEP 5000d</li> <li>ATEX certified versions available for explosive atmosphere</li> <li>Factory Mutual approved for intrinsic safety</li> <li>Platform size 600 x 600 mm</li> </ul>	<b>75, 100, 150, 200, 250, 300, 500, 635 kg</b>
<b>1260</b> 	<ul style="list-style-type: none"> <li>Anodized aluminum construction</li> <li>Environmental sealed IP66</li> <li>Certified to OIML 3000d</li> <li>Certified to NTEP 5000d</li> <li>ATEX certified versions available for explosive atmosphere</li> <li>Factory Mutual approved for intrinsic safety</li> <li>Platform size 600 x 600 mm</li> </ul>	<b>50, 75, 100, 150, 250, 300, 500, 635, 660 kg</b>
<b>1263</b> 	<ul style="list-style-type: none"> <li>Anodized aluminum construction</li> <li>Environmental sealed IP66</li> <li>Certified to OIML 3000d</li> <li>ATEX certified versions available for explosive atmosphere</li> <li>Platform size 600 x 600 mm</li> </ul>	<b>50, 75, 100, 150, 200, 250, 300, 500, 635 kg</b>
<b>1265</b> 	<ul style="list-style-type: none"> <li>Anodized aluminum construction</li> <li>Environmental sealed IP66</li> <li>Certified to OIML 6000d</li> <li>ATEX certified versions available for explosive atmosphere</li> <li>Platform size 800 x 800 mm</li> </ul>	<b>100, 150, 200, 250, 300, 500, 635, 660 kg</b>
<b>1320</b> 	<ul style="list-style-type: none"> <li>Anodized aluminum construction</li> <li>Environmental sealed IP66</li> <li>Certified to OIML 3000d</li> <li>Certified to NTEP 3000d</li> <li>ATEX certified versions available for explosive atmosphere</li> <li>Factory Mutual approved for intrinsic safety</li> <li>Platform size 1200 x 1200 mm</li> </ul>	<b>1000, 1500, 2000 kg</b>
<b>1330</b> 	<ul style="list-style-type: none"> <li>Anodized aluminum construction</li> <li>Environmental sealed IP66</li> <li>Certified to OIML 3000d</li> <li>ATEX certified versions available for explosive atmosphere</li> <li>Platform size 800 x 800 mm</li> </ul>	<b>500, 750, 1000 kg</b>

## Stainless Steel Single Point

Product	Features	Capacities
<b>1130</b> 	<ul style="list-style-type: none"> <li>• Stainless steel construction</li> <li>• Environmental sealed IP66</li> <li>• Certified to OIML 6000d</li> <li>• Certified to NTEP 4000d</li> <li>• ATEX certified versions available for explosive atmosphere</li> <li>• Factory Mutual approved for intrinsic safety</li> <li>• Platform size 400 x 400 mm</li> </ul>	<b>7, 10, 15, 20, 30, 50, 75, 100 kg</b>
<b>1140</b> 	<ul style="list-style-type: none"> <li>• Stainless steel construction</li> <li>• Environmental sealed IP65 (optional IP67)</li> <li>• ATEX certified versions available for explosive atmosphere</li> <li>• Factory Mutual approved for intrinsic safety</li> <li>• Platform size 400 x 400 mm</li> </ul>	<b>15, 20, 30, 50, 75, 100, 150 kg</b>
<b>1142</b> 	<ul style="list-style-type: none"> <li>• Stainless steel construction</li> <li>• Environmental sealed IP66</li> <li>• Certified to OIML 3000d</li> <li>• ATEX certified versions available for explosive atmosphere</li> <li>• Platform size 400 x 400 mm</li> </ul>	<b>10, 15, 20, 30, 50, 75, 100, 150 kg</b>
<b>1510</b> 	<ul style="list-style-type: none"> <li>• Stainless steel construction</li> <li>• Hermetically sealed IP68</li> <li>• Certified to OIML 4000d</li> <li>• Certified to NTEP 5000d</li> <li>• ATEX certified versions available for explosive atmosphere</li> <li>• Factory Mutual approved for intrinsic safety</li> <li>• Platform size 600 x 600 mm</li> </ul>	<b>100, 250, 500 kg</b>

## Beam Load Cells

Product	Features	Capacities
<b>355</b> 	<ul style="list-style-type: none"> <li>• Stainless steel construction</li> <li>• Hermetically sealed IP68</li> <li>• Certified to OIML 4000d</li> <li>• Certified to NTEP 4000d</li> <li>• ATEX certified versions available for explosive atmosphere</li> <li>• Factory Mutual approved for intrinsic safety</li> </ul>	<b>5, 10, 20, 30, 50, 100, 200, 250, 500 kg</b>
<b>3410/3420</b> 	<ul style="list-style-type: none"> <li>• Nickel plated steel construction</li> <li>• Environmental sealed IP67</li> <li>• Certified to OIML 3000d</li> <li>• Certified to NTEP 5000d</li> <li>• ATEX certified versions available for explosive atmosphere</li> <li>• Factory Mutual approved for intrinsic safety</li> </ul>	<b>250, 500, 1000, 2000 kg</b>  <b>1000, 1500, 2500, 4000, 5000, 7500, 10000 lb</b>
<b>3520</b> 	<ul style="list-style-type: none"> <li>• Stainless steel construction</li> <li>• Environmental sealed IP67</li> <li>• Certified to OIML 6000d</li> <li>• ATEX certified versions available for explosive atmosphere</li> </ul>	<b>500, 1000, 2000 kg</b>
<b>3510</b> 	<ul style="list-style-type: none"> <li>• Stainless steel construction</li> <li>• Hermetically sealed IP68</li> <li>• Certified to OIML 6000d</li> <li>• Certified to NTEP 5000d</li> <li>• ATEX certified versions available for explosive atmosphere</li> <li>• Factory Mutual approved for intrinsic safety</li> </ul>	<b>300, 500, 750, 1000, 1200, 2000, 3000, 5000 kg</b>  <b>1000, 1500, 2500, 4000 lb</b>
<b>4158</b> 	<ul style="list-style-type: none"> <li>• Nickel plated steel construction</li> <li>• Environmental sealed IP67</li> <li>• Certified to NTEP 10000d</li> <li>• ATEX certified versions available for explosive atmosphere</li> <li>• Factory Mutual approved for intrinsic safety</li> </ul>	<b>10, 20, 25, 40, 50, 60, 75 klb</b>





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## Damped Load Cells

Product	Features	Capacities
<b>240</b> 	<ul style="list-style-type: none"> <li>Epoxy painted steel enclosure / stainless steel enclosure</li> <li>Environmental sealed IP66</li> <li>Certified to OIML 3000d</li> <li>Certified to NTEP 5000d</li> </ul>	<b>2, 3, 5, 7, 10, 15, 20, 30, 50 kg</b>
<b>240D</b> 	<ul style="list-style-type: none"> <li>Epoxy painted steel enclosure / stainless steel enclosure</li> <li>Environmental sealed IP66</li> <li>Digital load cell</li> <li>RS232 / RS485 output with MOD BUD</li> </ul>	<b>2, 3, 5, 7, 10, 15, 20, 30, 50 kg</b>
<b>9010</b> 	<ul style="list-style-type: none"> <li>Electroless nickel plated enclosure / stainless steel enclosure</li> <li>Environmental sealed IP65</li> <li>Unique tare load canceling mechanism</li> </ul>	<b>3, 5, 7, 10, 15, 20, 30, 50, 90 kg</b>
<b>9010D</b> 	<ul style="list-style-type: none"> <li>Electroless nickel plated enclosure / stainless steel enclosure</li> <li>Environmental sealed IP65</li> <li>Unique tare load canceling mechanism</li> <li>Digital load cell</li> <li>RS232 / RS485 output with MOD BUD</li> </ul>	<b>3, 5, 7, 10, 15, 20, 30, 50, 90 kg</b>

## Compression Load Cells

Product	Features	Capacities
<b>120/122</b> 	<ul style="list-style-type: none"> <li>Stainless steel enclosure</li> <li>Hermetically sealed IP68</li> <li>ATEX certified versions available for explosive atmosphere</li> </ul>	<b>5,10, 20, 30, 50, 100, 150 t</b>
<b>220</b> 	<ul style="list-style-type: none"> <li>Stainless steel construction</li> <li>Hermetically sealed IP68</li> <li>Certified to OIML 4000d</li> <li>Certified to NTEP 10000d</li> <li>ATEX certified versions available for explosive atmosphere</li> <li>Factory Mutual approved for intrinsic safety</li> </ul>	<b>5, 10, 20, 30, 50 t</b>

## Universal Load Cells

Product	Features	Capacities
<b>614</b> 	<ul style="list-style-type: none"> <li>Aluminum construction</li> <li>Environmental sealed IP67</li> <li>Certified to OIML 3000d</li> <li>ATEX certified versions available for explosive atmosphere</li> </ul>	<b>50,100, 150, 200, 300, 500 kg</b>
<b>615/616</b> 	<ul style="list-style-type: none"> <li>Nickel plated construction / stainless steel construction</li> <li>Environmental sealed IP67</li> <li>ATEX certified versions available for explosive atmosphere</li> </ul>	<b>50,100, 150, 200, 300, 500, 750, 1000 kg</b>
<b>619</b> 	<ul style="list-style-type: none"> <li>Nickel plated construction</li> <li>Environmental sealed IP67</li> <li>ATEX certified versions available for explosive atmosphere</li> </ul>	<b>1.5, 2, 3, 5 t</b>
<b>620</b> 	<ul style="list-style-type: none"> <li>Stainless steel construction</li> <li>Hermetically sealed IP68</li> <li>Certified to OIML 3000d</li> <li>Certified to NTEP 5000d</li> <li>ATEX certified versions available for explosive atmosphere</li> <li>Factory Mutual approved for intrinsic safety</li> </ul>	<b>0.5, 1, 2, 5 t</b>

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