vlite.vpgsensors.com

2 YEAR WARRANTY

VPG Force Sensors innovation

vLite™ technology
best-in-class load cells at half the weight.

Strong on quality, light on weight, easy on the planet

VPG force sensors

Celtron ▪ Revere ▪ Sensortronics ▪ Tedea-Huntleigh

vLite™
Look into the future of load cells

Revolutionary vLite™ technology introduces a new, lighter era for load cells – lighter on materials and lighter on energy and costs for shipping and storage.

Leveraging patent-pending vLite™ technology, vLite™ load cells are constructed from aviation-grade aluminum, with an innovative hollow beam design instead of a solid bar. Using less material, they are about 50% lighter than comparable products, yet deliver the highest precision and reliability, while minimizing weight and material waste.

vLite™ technology is available with a growing range of load cells from VPG Force Sensors and can be integrated in any single-point load cell and in custom-designed solutions.

The vLite™ line currently includes several off-the-shelf models, all of them ideal for direct mounting in scales and other weighing platforms.
They are exchangeable with equivalent traditional load cells, enabling lighter-weight products.

2 YEAR WARRANTY

Model 0022 Low-Profile Aluminum Load Cel	**Model 0042** Medium-Profile Aluminum Load Cell	**Model 0031** Medium-Profile, Medium-Width Aluminum Load Cell	**Model 0038** Medium-Profile, Medium-Width Aluminum Load Cell
Capacities: 10-40 kg Single-point 350x350 mm platform	Capacities: 10-50 kg Single-point 400x400 mm platform	Capacities: 10-40 kg Single-point 350x350 mm platform	Capacities: 100-300 kg Single-point 400x400 mm platform (coming soon)

Get the vLite™ advantage

Gain a new competitive edge for your products. vLite™ technology is engineered for today's environmentally conscious world, enabling a breakthrough reduction in the use of raw materials and energy. It opens new opportunities for you to address applications where product weight is critical.

Lightens the load

- Ideal solution for low-weight applications like portable scales
- Lower weight can reduce shipping and storage costs
- Exchangeable with equivalent standard load

Lighter environmental impact

- Less material and waste
- Lighter carbon footprint across the product lifecycle
- More sustainable disposal and recycling

Best-in-class quality

- VPG's renowned precision and reliability
- Peace of mind for smooth production
- 2-year warranty

Competitive differentiation

- Opportunity to stand out in the market
- Allows high-end positioning for machines
- Supports sustainability efforts

Certifications

A lighter solution
for varied applications

Load cells made with vLite™ technology offer a lighter option for a wide range of mainstream weighing applications, as well as medical and packaging machines.

Postal and back-office scales

Retail scales

Infant and NICU scales

Packaging and filling machines

About us

VPG Force Sensors develops the world's most advanced force measurement sensors and solutions to deliver optimal performance and empower tomorrow's innovations. We provide the performance, precision and expertise that only one of the largest load cell and transducer manufacturers worldwide can deliver.

Our brands, Tedea-Huntleigh, Sensortronics, Revere and Celtron - all recognized as high-quality suppliers of weighing and force measurement products - are united under VPG Force Sensors, delivering a wide range of solutions, with total dedication to uncompromising quality.

Need help with a unique application?

At VPG Force Sensors, we've got decades of experience in developing custom transducer solutions for the widest range of applications. Our vLite™ technology can be used in customized solutions, depending on the specific application requirements.

Please contact our in-house Custom Solutions team to discuss your requirements: vpgfs@vpgsensors.com

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