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

Discover vLite™ technology - a breakthrough innovation from VPG Force Sensors that enables best-in-class load cells that are half the weight of standard load cells.

With their innovative design, vLite™ load cells help reduce carbon footprint and simplify shipping and storage, while delivering long-lasting high reliability. Leveraging patent-pending vLite™ technology, vLite™ load cells are constructed from aviation-grade aluminum, with a hollow beam rather than a solid bar. They are about 50% lighter than comparable products, yet deliver high precision, robust reliability, and reduced environmental footprint.

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 used in existing designs. This enables lighter-weight products.

2 YEAR WARRANTY

Model 0022
Low-Profile
Aluminum Load Cel

Capacities: 10-30 kg
Single-point
350x350 mm platform

Model 0042
Medium-Profile
Aluminum Load Cell

Capacities: 5-40 kg
Single-point
400x400 mm platform

Model 0031
Medium-Profile,
Medium-Width
Aluminum Load Cell

Capacities: 10-30 kg
Single-point
350x350 mm platform

Model 0038
Medium-Profile,
Medium-Width
Aluminum Load Cell

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.

High quality

- VPG Force Sensors' renowned precision and reliability
- Exchangeable with equivalent standard load cells
- Peace of mind for smooth production
- 2-year warranty

Competitive differentiation

- Ideal for weight-critical applications, such as portable scales
- A new way to stand out in your market
- High precision and reliability support high-end positioning for your machines

Environmentally friendly

- Less raw material, less metal waste
- More sustainable disposal and recycling
- Lower carbon footprint across the product lifecycle

Cost-savings

- Lower weight can reduce shipping costs

Certification pending

High-precision load cells for varied applications

vLite™ load cells are ideal 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

Hospital beds and chair scales

Portable 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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