



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 • Tedeo-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.



Model 0022
Low-Profile
Aluminum Load Cell

Capacities: 10-40 kg
Single-point
350x350 mm platform



Model 0042
Medium-Profile
Aluminum Load Cell

Capacities: 10-50 kg
Single-point
400x400 mm platform



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

Capacities: 10-40 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.



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

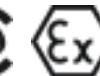
Certifications



Approved for selected models



Pending



A lighter solution for varied applications

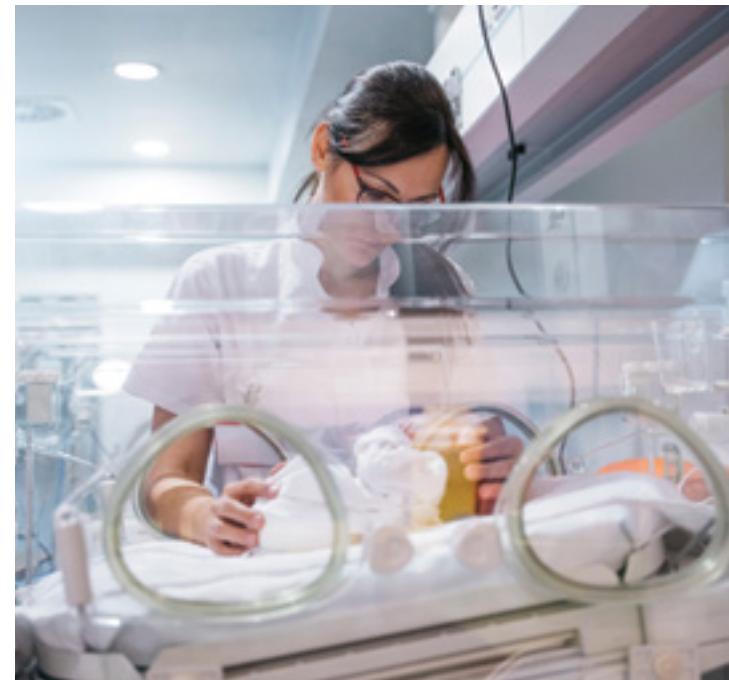
Load cells made with vLite™ technology offer a lighter option for a wide range of mainstream weighing applications, as well as medical and packaging machines.



Postal and back-office scales



Retail scales



Infant and NICU scales



Packaging and filling machines