

Solutions for Test Machines

Market Solutions

Choose VPG Transducers Load Cells for Reliable Performance

Test machines are considered essential tools in manufacturing and R&D where they assist us in understanding product limitations and quality. Examples of test machine applications include:

- Belt tension for an industrial safety test
- Compression fatigue test of material
- Destruction test
- Car seat durability test for the automotive industry

Fundamentally, the heart of any test machine is the load cell. The load cell acts as the sensing element that provides feedback to optimize accurate control for the test machine. Typically, the electrical output signal is either analog (voltage or current) or digital.



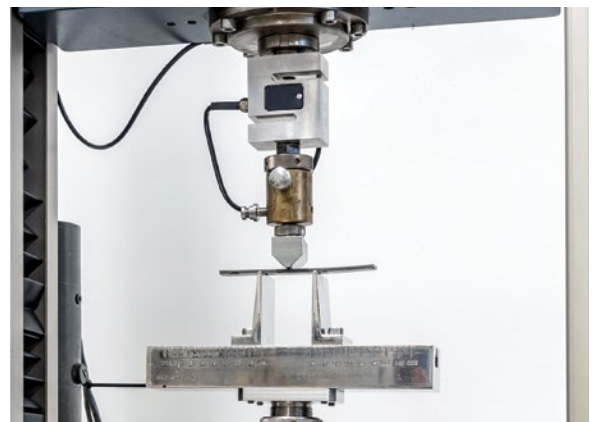
Tension Ring



S-Type



Compression Disk



About Our Unique Load Cells

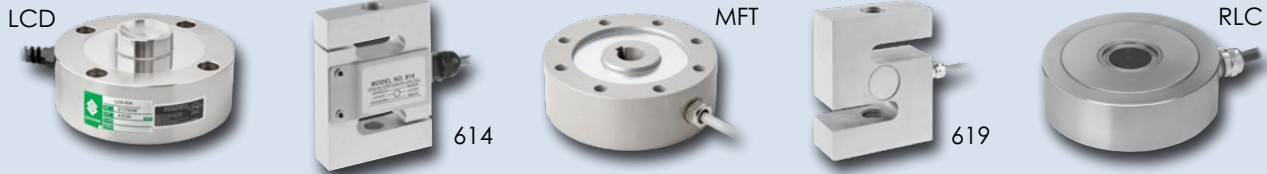
VPG Transducers' proprietary load cell technology is found across a wide variety of markets and applications. We constantly seek to perfect our product and services and offer uncompromising quality and performance, and a high return on investment.

Every load cell is designed with low uncertainty, high reliability and good repeatability. We

provide our customers repeatable readings even in the most challenging environments, resulting in peace of mind for our customers.

VPG Transducers will partner with you to understand your market and needs and provide you with the optimal solution for your usage requirement.

LOAD CELL EXAMPLES AND SPECIFICATIONS



Parameter	Compression Disk, Tension Ring	S-Type
Model names	MFT, LCD, 220, RLC, PSD, 98001	STC, 620, 614, 619
Capacity range	100 kg – 200 t, 5 – 100k lbs	5 kg – 5 t
Output level	2–4 mV/V	2–3 mV/V
Material construction	aluminum, alloy steel, stainless steel	

At VPG Transducers, we understand that each application can be unique or special.

Please contact our in-house Custom Solutions team to engage our services towards meeting your specific requirements:

vpgt.customsolutions@vpgsensors.com

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