



VISHAY  
PRECISION  
GROUP



Capabilities

## Load Cells, Special Sensors, and Instruments

**Celtron • Sontorionics •  
Revere • Tedea-Huntleigh**

Brands of VPG Transducers



CELTRON



Revere  
Transducers



[www.vpgtransducers.com](http://www.vpgtransducers.com)

## *VPG Transducers, A Division of Vishay Precision Group*

VPG Transducers is a division of Vishay Precision Group, which produces load cells based on resistive foil technology, load-cell-based systems, and vertically integrated products and solutions for multiple markets in the areas of force measurement, industrial weighing, and process control.

VPG Transducers offers products from Tedeo-Huntleigh, Sensortronics, Revere, and Celtron brands, which have been providing weighing and force measurement products for decades. Our load cells, in combination with our Micro-Measurements know-how, use the most advanced strain gage technology available. Our experience and design capabilities make it possible for us to provide a wide range of standard and custom-made products and solutions. Throughout our worldwide operations, we have a commitment to uncompromising quality.

## *Quality Assured*

Throughout our worldwide operations, we at VPG Transducers have a commitment to quality. Experienced and qualified technicians, whose work is thoroughly inspected at every stage, use only premier-quality gages with full traceability. The entire organization is approved to ISO 9000.

Many of our load cells and indicators are OIML- and NTEP-approved. Many of our load cells are also ATEX- or FM-certified for use in potentially hazardous areas.

By using Micro-Measurements strain gages, our customers can be sure that they are using the best components available. Quick turnover of materials in our production facilities means that we use new materials all the time.

## *Leading Product Portfolio*

Merging four leading load cell manufacturers into one company created the largest load cell and transducer manufacturer worldwide. Our product portfolio ranges from bonding products to load cells, and from analog weigh indicators to digital weighing solutions.

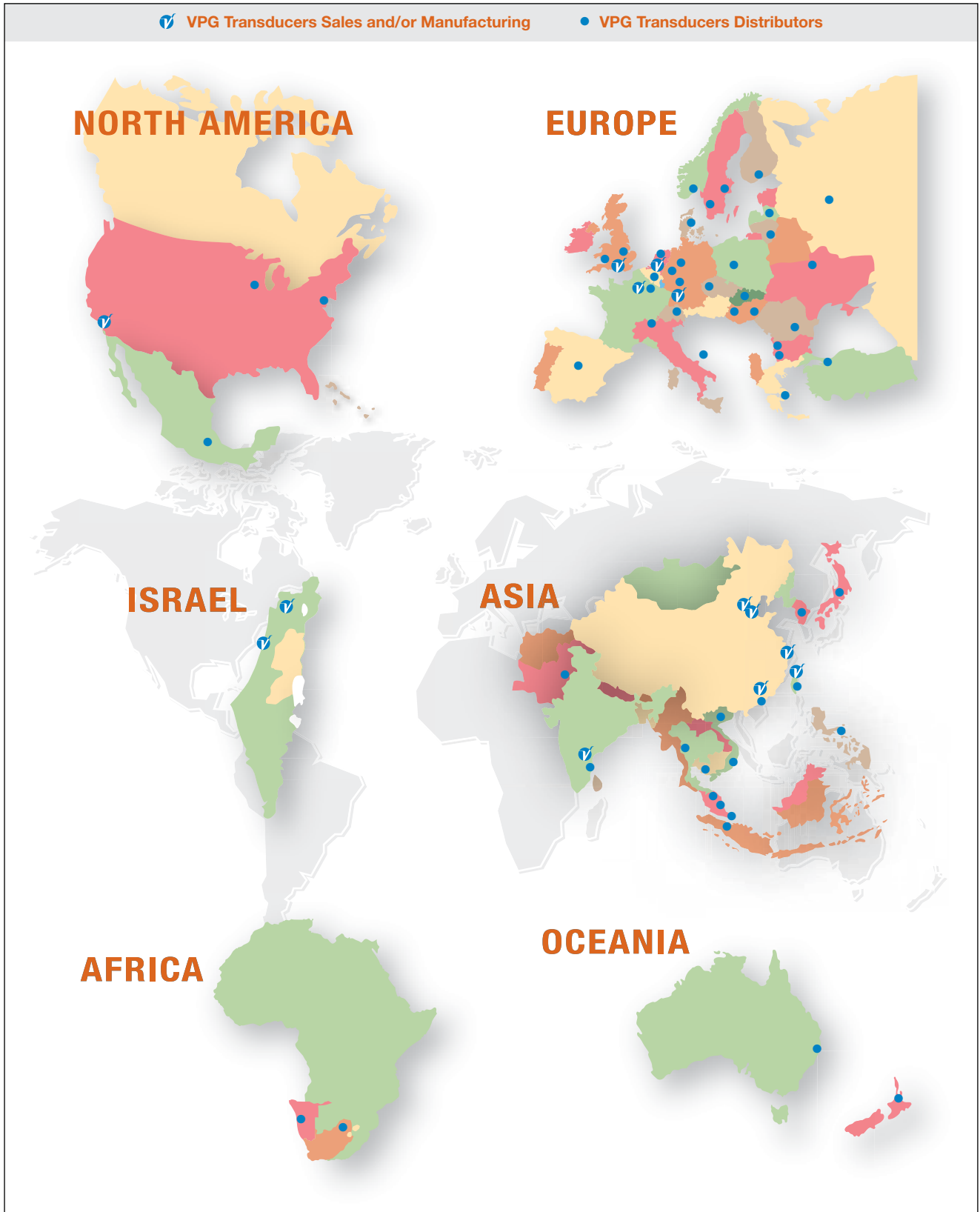
Our strategically placed sales offices in Europe, the USA, and Asia provide full customer support. Multilingual sales teams enable us to communicate with customers in their native languages, including English, Spanish, Russian, French, German, Chinese, Arabic, Dutch, and Hebrew. In addition, we support a worldwide network of distributors. Our sales engineering team provides technical support and shares knowledge and experience with customers.

## *Exceeding Customer Expectations*

We have experience working with diverse customers in many different industries. This experience, together with our broad product portfolio, enables us to provide products for virtually every weighing and force measurement application. We partner with our customers, with the goal of exceeding their expectations.

# Load Cells, Special Sensors, and Instruments

Celtron • Revere • Sensortronics • Tedea-Huntleigh



## Load Cells

Description	Product
<b>Single Point</b>	
Low-Capacity Single-Point Aluminum	
High-Capacity Single-Point Aluminum	
Single-Point Stainless Steel	
Single-Point Hermetically Sealed Stainless Steel	
<b>Shear Beam</b>	
Steel Shear Beam	
Stainless Steel Hermetically Sealed Shear Beam	
<b>Double-Ended Shear Beam</b>	
Double-Ended Shear Beam	

Description	Product
<b>Compression</b>	
Compression Disk	
Multi-Column Compression	
Canister	
<b>Tension/Compression</b>	
S-Type Steel	
S-Type Hermetically Sealed Stainless Steel	
<b>Damped</b>	
Oil Damped	
<b>Bending Beam</b>	
Stainless Steel Bending Beam	

## Digital Load Cells

Description	Product
Canister	
Shear Beam	
Damped	
Double-Ended Shear Beam	



## Instruments

Description	Product
Weight Indicator	
Analog Weighbridge Indicator	
Digital Weighbridge Indicator	
Junction Box	

## Bonding Services

One-Off or High-Volume Production	
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## Mounts

Mounts for Shear Beams	
Mounts for Canisters	
Mounts for Compression	

## Extensometers

Load Sensor and Moment Indicator	
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## Industrial

- Batching and mixing machines
- Belt conveyor scales
- Crane weighing
- Force measurement
- Dynamometers
- Universal test machines
- Process weighing
- Dynamic weighing



## Medical

- Bonding
- Patient bed weighing
- Bionic knee and ankle
- Pharmaceutical scales
- Personal scales
- Infusion pumps
- Mammography
- Dialysis
- IV bag weighing



## Retail

- Bench scales
- Grocery scales
- Jewelry scales



## Transportation

- Truck scale/weighbridge
- Railroad track scales
- Railway safety
- Onboard weighing
- Racing cars
- Extensometers for telescopic handlers



## Safety

- Overload for elevators
- Fence sensor
- Crane safety
- Theater curtain control
- Tilt sensor



## Packaging

- Checkweighing
- Multi-head weighing
- Filling machines
- Loss-in-weight feeders
- Bag filling
- Liquid filling
- Rotary filling machines



## Agricultural

- Animal weighing
- Tractor draft pins
- Marine hybrid scales
- Equipment sensors



## Inventory and Warehouse

- Floor scale
- Counting scales
- Tank and silo weighing
- Bin and hopper weighing
- Pallet truck weighing
- Extensometers for level control



## *The Americas*

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