

Simplify weight measurement and visibility

VPG Force Sensors
Weight Transmitters



High-accuracy weight data, where you need it

Reliable, real-time visibility into load weight is essential for a vast variety of industrial and manufacturing operations. It's not just about precise and accurate measurement; it's about translating weight data into usable information and displaying it where it's needed.

That's where VPG Force Sensors' reliable and efficient Weight Transmitters come in. These versatile devices convert load cell signals into accurate, real-time weight values, ensuring seamless communication with industrial control systems. Designed for precision and speed, they simplify integration and enhance system reliability.

Engineered for precision, built for reliability

High-quality, high-performance weight transmitters designed to meet your application needs.

- **Highly accurate and durable instruments** – Proven in demanding industrial environments
- **Versatile connectivity** – Support for a wide range of communications and compatible with any PLC
- **Fast configuration** – Quick setup via the VPG VTW Connect onfiguration tool
- **Common software** – Similar interface for all VPG Weight Transmitters, facilitating varied applications with a low learning curve

Complete, single-source solution

All the weighing system components you need, including weight transmitters, load cells, and accessories – all from one expert vendor.

- **Straightforward and assured integration** – All components are proven to work together
- **Simplified purchasing** – One order, with fast delivery
- **Professional support and training** – Across the full solution

From the leader in precision weighing solutions

Market-proven performance backed by VPG Force Sensors' global expertise.

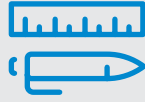
- **60+ years of innovation** – Pioneers in strain gage-based weighing and force measurement
- **Proven high-quality** – Reliable, durable products engineered for consistent accuracy
- **Dependable global supply** – Stable, long-term availability from an established global provider

Key applications



Process weighing

Concrete batching,
recipe batching,
tank weighing



Testing & measurement

Material fatigue testing,
force measurement,
component validation



Filling & packaging

Multi-head weighing,
check weighing

WT Series Weight Transmitters

The WT Series from VPG Force Sensors offers precision weight measurement and seamless integration into varied equipment and processes. Designed for flexibility across a range of applications, these quality-engineered weight transmitters provide outstanding accuracy, performance and reliability wherever weight information is needed.



WT-11

Small in size, big in capabilities

- Ultra-slim, lightweight design for space-constrained applications
- Easy DIN rail installation
- Fast data acquisition and conversion
- Ideal for batching and testing applications
- High-performance A/D converter
- Supports fieldbus and analog output protocols
- PC-based calibration and monitoring



WT-14

High-speed performance for demanding applications

- Ultra-fast data acquisition, conversion, and transmission
- PC-based calibration and monitoring
- Versatile configuration
- Built for hazardous areas – Interfaces with safety barriers
- Legal-for-trade version available
- Ideal for high-speed filling, check weighing



WT-05

Smart load cell junction box for reliable industrial weighing systems

- Suitable for use in any industrial weighing system
- Supports up to 8 load cells
- Field and remote fault diagnostics and automatic recalibration of new load cells
- VTW Connect software for enhanced configuration and management
- Configurable via VTW Connect software or directly from the master
- Removable terminal blocks for convenient electrical connections



WT-68

Advanced digital weight transmitter for multi-channel industrial applications

- Unique product, ideal for all industrial applications
- Easy to install and mount on DIN rail
- Advanced technology for weighing and measuring systems
- Converts the mV signal to a high-resolution digital signal (24 bit)
- Displays up to 8 channels separately
- Integrates as a slave in various network types
- Supports various serial communication protocols or fieldbus
- Removable screw terminal blocks



WT-70

Compact digital transmitter for accurate and connected weighing applications

- Compact and practical design
- Reliable performance
- Real-time filtering
- Available in serial and analog versions
- Various fieldbus interfaces available
- Supports analog load cells and load cells with amplified voltage/current
- USB port for convenient firmware updates
- VTW Connect software for enhanced configuration and monitoring



WT-15

Multilingual touchscreen indicator for accurate and efficient weighing control

- LCD screen with capacitive touch controls
- Appropriate for desk, wall or panel mounting
- Multilingual menu
- 6 opto-isolated input and output ports
- Powerful 32-bit ARM microprocessor

VPG Force Sensors develops and manufactures the world's most advanced force measurement sensors and solutions, delivering optimal performance and empowering tomorrow's innovations.

With our renowned brands, we offer the largest range of load cells, weighing instruments and accessories available from a single-source supplier. Chosen for their high accuracy, uncompromising quality and long-lasting reliability, our products are implemented in millions of machines, devices and systems around the world. Due to our large manufacturing capacity, fast turnaround on orders, high product quality and competitive cost structure, we are a leading load cell supplier to many industries and markets.

VPG Force Sensors is part of VPG (Vishay Precision Group), a global leader in precision measurement sensing technologies.



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VPG force sensors

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