



Market Solutions

On-Board Scales for Forestry and Highway Trucking

SI Onboard

A Brand of VPG On-Board Weighing



Revere
Transducers



SI TECHNOLOGIES

From our roots as the world's first supplier of on-board truck scales for the forestry industry, SI Onboard continues to upgrade and design products to meet new applications and customer needs. We offer a wide selection of low-maintenance on-board scale products that provide our customers with increased productivity and better utilization of their equipment.

Benefits

- Haul maximum legal loads every time
- Load to the legal maximum on-site
- Eliminate overweight fines and truck impoundments
- Reduce truck abuse and decrease maintenance costs
- Eliminate scale fees

Load Cells and Weighing Assemblies

Load Cells

Titan Shear Load Cells are designed for performance, reliability and long life. Constructed specifically for on-board scales, the heavy-duty Titan utilizes temperature-compensated full-Wheatstone-bridge construction that is specifically tailored to on-board scales. All Titan load cells feature redundant sealing and protection for use in the harshest environments.

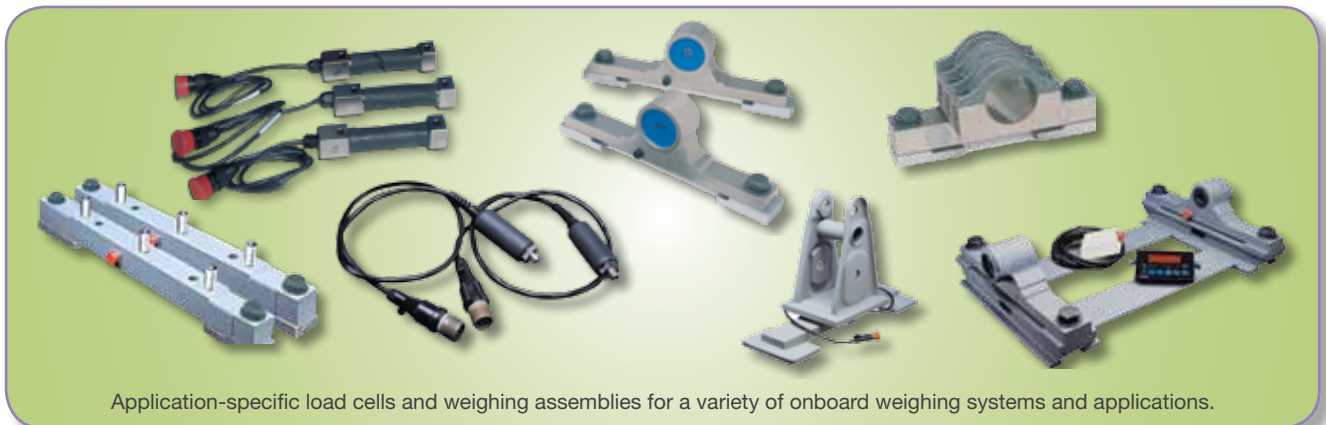
Designed and manufactured to withstand rugged environments, SI Onboard load cell bodies are machined from high-alloy steel and heat-treated for maximum strength and reliability. Our load cells are tested to maximum overload capacity to ensure safety and durability. And our triple-redundant sealing process provides protection in harsh environments of water, ice salt, and washdown.

Features

- Designed and manufactured specifically for on-board scales
- Feature robust design for high safety factor
- Retain their strength when installed on suspension systems
- Offer typical accuracy within 1% of applied load
- Have triple-redundant sealing for durability and long life

AirScales

For trucks and trailers that utilize air-suspension systems, SI Onboard offers the AirScale system, which uses our pressure transducers, transmitter, and the 9100 meter. AirScale systems, which are mounted in the air system of the truck or trailer, feature pressure transducers that are built for accuracy and repeatability and deliver typical accuracy within 1% to 2% of applied load.







Application-specific load cells and weighing assemblies for a variety of onboard weighing systems and applications.

On-Board Scales

For Hauling Legal Maximum Loads



Meters

Model Number	Description	Applications
9100GW 	Dual-channel microprocessor-based meter, with full digital panel configuration, setup, and zero and span calibration capabilities.	Any on-board application requiring on- or off-highway weight monitoring utilizing up to two scale/channel configurations. Examples include all long logger configurations, highway tractor trailers, hay racks, etc., that require a highly accurate on-board scale system.
9100QC 	Quad-channel meter designed to operate extended on-board scale systems on multiple trailer rigs. Capability of operating up to 32 load cells and/or transducers.	Any onboard application requiring on- or off-highway weight monitoring utilizing multiple scale/channel configurations. Examples include short loggers, B-trains, Super 'B', or any other multiple-trailer configuration.
9100LD 	Load delivery micro-processor meter with 6.0 Computer-Speak software, displays and records gross vehicle weight, net payload weight and individual bin weight, as well as customer and route information involving road pickup or deliveries. Fully self-diagnostic with 26 error codes for operator assistance.	Designed for use with strain gage load cells, electronic on-board scales, and one or two signal transmitters.
9400HHR Hand-Held Remote Display Meter		
	This compact, back-lit, hand-held, meter display shows the weight indicated on the on-board scale meter mounted in the truck cab, at a distance of up to 150 feet from the truck. The 9400HHR is a must for self-loading operators, and a valuable tool for any loading operation where productivity is a priority.	Designed to work with all 9100 Series meters.



Extra-heavy-duty, poly-jacketed connectors and cables hold up in the toughest on-board scale applications.



Waterproof, digital transmitter ensures system dependability and accuracy in all environments.

DISCLAIMER All product specifications and data are subject to change without notice. Vishay Precision Group, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Vishay Precision Group"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product. Vishay Precision Group disclaims any and all liability arising out of the use or application of any product described herein or of any information provided herein to the maximum extent permitted by law. The product specifications do not expand or otherwise modify Vishay Precision Group's terms and conditions of purchase, including but not limited to the warranty expressed therein, which apply to these products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay Precision Group. The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications unless otherwise expressly indicated. Customers using or selling Vishay Precision Group products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify Vishay Precision Group for any damages arising or resulting from such use or sale. Please contact authorized Vishay Precision Group personnel to obtain written terms and conditions regarding products designed for such applications. Product names and markings noted herein may be trademarks of their respective owners.

The Americas

- United States** **Vishay Precision Group – SI Onboard**
Post Office Box 1484 • Cumberland, MD 21501-1484
Ph: +1-301-722-6000 • Fax: +1-301-722-7346
E-mail: obw.usa@vishaypg.com
- Canada** **Vishay Precision Group – SI Onboard**
#106-1765 Springfield Road • Kelowna, BC V1Y 5V5
Ph: +1-800-989-1499 (toll free) • +1-250-860-8450 • Fax: +1-250-762-9811
E-mail: obw.can@vishaypg.com

Asia

- Taiwan, R.O.C.** **Vishay Precision Group – Weighing Systems***
8F-1, 171, Section 2, Datong Road • Sijhih City, Taipei 22183
Ph: +886-2-8692-6888 • Fax: +886-2-8692-6818
E-mail: obw.roc@vishaypg.com
*Asia except China
- P.R. China** **Vishay Precision Group – Weighing Systems**
A8220, Shanghai Jia Hua Business Center
No. 808 Hong Qiao Road • Shanghai 200030
Ph: +86-21-6448-6090 ext. 6098 • Fax: +86-21-6448-6070
E-mail: obw.prc@vishaypg.com
- Israel** **Vishay Precision Group – Weighing Systems**
2 HaOfan Street • Holon 58814
Ph: +972-3-557-0888 • Fax: +972-3-556-8116
E-mail: obw.il@vishaypg.com

Europe

- United Kingdom** **Vishay Precision Group – PM Onboard**
Airedale House • Canal Road • Bradford BD2 1AG
Ph: +44-1274-771177 • Fax: +44-1274-781178
E-mail: obw.uk@vishaypg.com
- France** **Vishay Precision Group – PME France**
10 Rue de Gally • 78450 Chavenay
Ph: +33-1-30-79-97-00 • Fax: +33-1-30-79-97-05
E-mail: obw.fr@vishaypg.com
- Netherlands** **Vishay Precision Group – Waste Collection Systems B.V.**
P.O. Box 1612 • NL-4700 BP Roosendaal
Ph: +31-165-561-000 • Fax: +31-165-538-139
E-mail: obw.nl@vishaypg.com
- Belgium** **Vishay Precision Group – WCS Belgium N.V.**
Turnhoutsebaan 1/001 • B-2470 Retie
Ph: +32-14-88-27-60 • Fax: +32-14-882-765
E-mail: obw.be@vishaypg.com