



Road Guardian PM Onboard

A Brand of VPG On-Board Weighing



Road Guardian
Weigh Pad

Portable Weigh Pads Wheel Load Weighers for Commercial Vehicle Safety Programs

Utilizing advanced scale technology, PM introduces its Road Guardian, wheel load weigher. Designed as a low profile self-contained weighing platform, the Road Guardian features a slim, low height platform with totally integrated weighing indicator. Built from aluminium, the individual platform weighs only 17.5 kg with a height of 29 mm making it easy to roll vehicles on and off. The rugged construction of the integrated platform allows it to endure accidental tyre overrun at all points, including the digital display area.

All new digital electronics provide a fast, accurate, and easy-to-read weigh indicator that is fully integrated into the carrying handle and is powered by six AA size batteries located in the display housing. The internal batteries can be recharged from any 12 Vdc source or the 115/220 VAC, 50-60 Hz, line adapter.

Weight data is displayed on an easy-to-read alphanumeric liquid crystal display. The LCD includes backlight capability for low light or night-time operation. The digital indicator allows the operator to display the weight of each individual platform or the combined weight of all platforms.

The Road Guardian comes in 2, 4, and 6 platform systems to accommodate a variety of different weighing configurations. This can be expanded to interconnect up to 16 platforms into a single weighing system. Cables are provided to connect each platform to the junction box and power to recharge the internal batteries located in each individual platform.



PM Onboard
Airedale House • Canal Road • Bradford BD2 1AG
Ph: +44 (0)1274 771177 • Fax: +44 (0)1274 781178
E-mail: obw.eur@vishaypg.com

www.obwvpg.com

Portable Weigh Pads

Applications

- Weight enforcement
- On-site weighing
- Portable weighing
- Trailer weighing
- Special weighing configurations

Benefits

- Lightweight and easy-to-handle
- Integrated digital indicator
- Portable operation
- Flexible weighing configurations



Specifications	
Platform capacity	10,000 kg x 20 kg
Operational accuracy	0 - 1,000 ±20 kg 1,000 - 4,000 ±40 kg 4,000 - 10,000 ±60 kg
Graduations	20 kg standard
Unit of measure	lbs. or kg reading, menu programmable
Safe overload	150% of rated capacity
Storage temperature range	-34°C to +49°C
Operating temperature range	-20°C to +52°C
Indicator display	16 character, alphanumeric dot matrix liquid crystal display
Indicator display lighting	LCD back light display for low light operation
Indicator programming	Front panel programming and calibration
Battery power – internal operational time between charges	6 x 1.2 VDC, AA Size, Ni-Metal Hydride battery Up to 72 hours
Auto shut-off	After 15 minutes without weight change
Single platform weight	17.5 kg
Weatherproof	IP68 connectors

DISCLAIMER: ALL PRODUCTS, 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. 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. Vishay Precision Group makes no warranty, representation or guarantee other than as set forth in the terms and conditions of purchase. **To the maximum extent permitted by applicable law, Vishay Precision Group disclaims (i) any and all liability arising out of the application or use of any product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.** Information provided in datasheets and/or specifications may vary from actual results in different applications and performance may vary over time. Statements regarding the suitability of products for certain types of applications are based on Vishay Precision Group's knowledge of typical requirements that are often placed on Vishay Precision Group products. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. No license, express, implied, 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 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.

