

Containerized Steel Weighbridge

Accurate, Reliable and Easy to Maintain



POWERCELL® PDX® Load Cell

POWERCELL PDX load cells are the best-in-class load cells for vehicle weighing with unequalled accuracy and reliability. The PDX system does not require junction boxes and each load cell is hermetically sealed for use in the toughest and most demanding environments.



Easy Maintenance

The robust couplers and innovative checking system are designed for quick assembly and easy maintenance. The middle cover can be removed for easy cleaning.



Proven Performance

Using the unique "Module Masher" accelerated-lifecycle test stand, we test every new weighbridge design at full design load. It is one way METTLER TOLEDO goes beyond the competition to ensure that you get the most reliable scale in the industry.



Lightning Protection

The specially designed StrikeShield™ lightning protection system helps prevent costly downtime by using multiple levels of protection to safeguard your entire scale system. It is the only system that has been tested by third-party laboratories and withstood multiple lightning strikes.



VTS107 POWERCELL PDX Truck Scale

The VTS107 POWERCELL truck scale is an economical product designed for applications with normal traffic volumes and over the road axle loads. This scale can be used in food, agriculture, oil & gas, and other seasonal applications. The simple but robust structure can last for more than 10 years.

The POWERCELL PDX load cell (model number: SLC820) has a new design concept that takes vehicle weighing performance to a higher level. The load cell's built-in microprocessor compensates for the effects of external changes, such as temperature, non-linearity, hysteresis, voltage fluctuation and creep. This digital compensation provides a high-accuracy weighing solution.

The entire weighing system also can be equipped with peripherals like printers, ADI remote display, PCs and with vehicle software to meet the customer's specific requirements.

VTS107 POWERCELL PDX Truck Scale

Normal-duty and over-the-road axle load applications

Technical data

Accuracy	III															
Weighbridge configuration*	MAX Capacity (t)	e (kg)	CLC (t)	L(m) W(m)	5	5.8	6	10	11.6	12	15	17.4	18	20	22	23.2
	30	10	15	3	•	•	•	•	•	•	•	•	•	•		
3.4				•	•	•	•	•	•	•	•	•				
30	10	30	3	•	•	•	•	•	•	•	•	•	•			
			3.4	•	•	•	•	•	•	•	•	•				
50	20	30	3				•	•	•	•	•	•	•	•	•	•
			3.4				•	•	•	•	•	•	•	•	•	•
60	20	30	3				•	•	•	•	•	•	•	•	•	•
			3.4				•	•	•	•	•	•	•	•	•	•
Configuration	POWERCELL® PDX® Load Cell, IND570 Terminal															
Foundation	Shallow pit type or Pitless type															
HR Cable(m)	Up to 300m															
Operating temperature	Terminal -10°C~+40°C															
	Load Cell -40°C~+55°C															
Humidity	<95%															
Power Supply	Voltage: 100~240VAC, Frequency: 50Hz or 60Hz															

* The weighbridge can be customized according to actual requirement.



POWERCELL® PDX® Load Cell



IND570 Terminal

Features	Benefits
POWERCELL® PDX® Load Cells	Stainless steel load cells provide highest accuracy and reliability(IP68/IP69K)
POWERCELL® PDX® Network	Eliminates junction boxes and monitors network health
StrikeShield™ Lightning Protection	Protects your system from lightning damage
Innovative bumper system and robust coupler	Easy maintenance, reliable
Advanced weighing terminal	Flexible, Reliable, Feature-rich and versatile



Options

- Middle cover
- Side rail kits
- ADI remote display
- PC and software
- Printers
- Weighing system



Middle cover



Side rail kits



ADI remote display



PC and software



Printer



Weighing system



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