

Convert Existing Vehicle Scales to Reduce Operating Costs



Reduce Hidden Costs

Outdated weighing technologies are high-maintenance systems that hurt your business with a surprising number of hidden costs. A POWERCELL® PDX® conversion can provide dramatic savings by reducing downtime, maintenance, and weighing errors.



Easy Conversion

The specially designed conversion kit is a perfect fit for B-TEK scales. Our skilled technicians can convert your vehicle scale quickly with minimal disruption to your operation. You get state-of-the-art performance for a fraction of the cost of a new scale.



Improved Performance

POWERCELL® PDX® load cells have the proven ability to attain a high level of weighing accuracy and to maintain it over the long haul. They use digital compensation to ensure that vehicles are weighed accurately despite changing environmental conditions.



Reliable Operation

POWERCELL® PDX® load cells are built to last. The streamlined network eliminates junction boxes, the number one cause of vehicle scale failure. Built-in predictive diagnostics verify the performance of each load cell and simplify maintenance.



POWERCELL® PDX® Conversion for Bilanciai / B-TEK Load Cells

Bilanciai / B-TEK vehicle scales are equipped with load cells that use a less-accurate digital technology. The high-maintenance load cells are prone to downtime and weighing errors that eat into profits. If you own one of these scales, you are probably paying more money than you should to keep it working. Reduce your operating costs by converting to POWERCELL® PDX® load cells. Standard conversion kits are available for scales that use B-TEK CPD-M or CPR-M load cells. A conversion is a quick and easy procedure that involves replacing the old equipment with new POWERCELL® PDX® load cells, mounting hardware, and scale terminal.

VKR211 Load Cell Conversion Kit

Outdated weighing technologies simply do not perform at the same level as POWERCELL® PDX® load cells. Compare the drawbacks of your existing vehicle scale with the benefits that you get with a POWERCELL® PDX® conversion.

Existing Scale	POWERCELL® PDX® Conversion
Leak-prone junction boxes	Reliable, watertight network with no junction boxes
Hard to adjust to a high level of accuracy	Easy to adjust to the highest level of accuracy
Accuracy varies as environmental conditions change	Digital compensation maintains accuracy
Vulnerable to lightning damage	Proven lightning protection

Load Cell Specifications	
Capacities	50t (110K)
Suspension	Rocker column, compression
Material	Canister: 304 stainless steel Load element: 17-4 PH stainless steel
Environmental Protection	IP68 submersion, IP69K high-pressure spray
NTEP Approval	NIST H44 IIL-M 10,000d (CC# 08-090)
OIML Approval	R60/2000-NL1-09.08
Lightning Protection	IEC 62305-1; passed laboratory testing at over 80,000 amps

Powerful Terminals

Improve your weighing operation's profitability with a powerful new vehicle scale terminal. METTLER TOLEDO terminals combine advanced capabilities with simple operation, enabling you to do more with your scale and get it done more quickly.



IND780 scale terminal

Options

- DataBridge™ Vehicle Scale Software
- Unattended Driver Terminal
- Remote Display
- Printer
- Traffic Control



VKR211 Conversion Kit

A conversion kit contains everything needed to upgrade a weighbridge to POWERCELL® PDX® technology:

- POWERCELL® PDX® load cells
- Debris shields
- Heavy-duty cables
- Upper and lower receivers
- Mounting plates and pins
- Shims
- Receiver grease
- Connector cleaner



Produced in a facility that is



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