

Proven Lightning Protection Prevents Costly Downtime



Avoid Lightning Damage

A lightning strike or power surge can seriously damage electronic equipment. StrikeShield lightning protection safeguards your vehicle scale's electronic components, protecting them from lightning damage that can result in costly downtime.



Load Cell Protection

Each POWERCELL PDX load cell has built-in surge protection. Combined with the StrikeShield system, this robust circuitry protects the load cell's internal components against lightning damage.



Scale Terminals

In addition to protecting load cells and cables, the StrikeShield system prevents electrical damage to the scale terminal. It keeps your system fully operational, with no loss of the weighing data and records that are vital to your business.



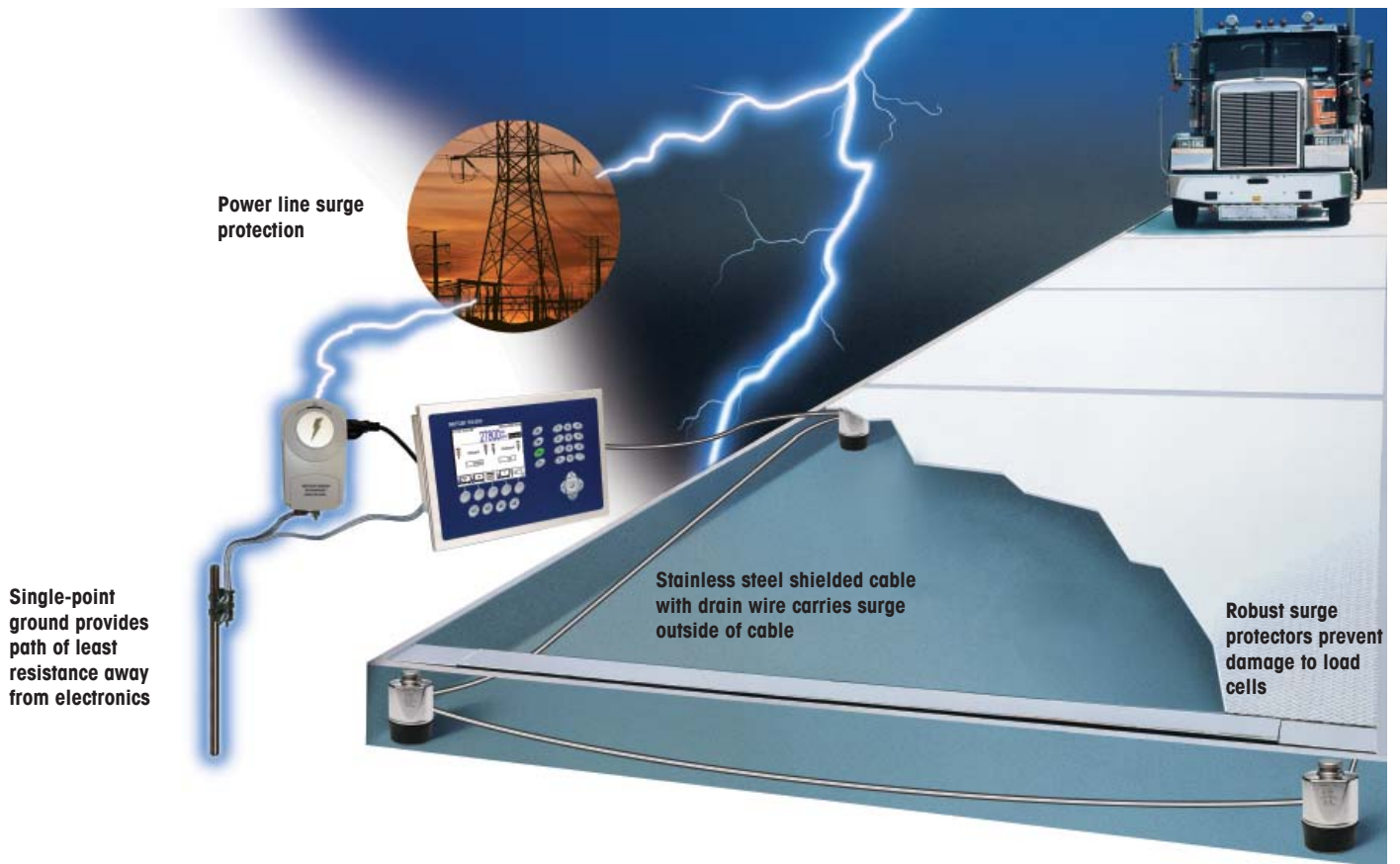
Independently Tested

METTLER TOLEDO offers real proof of its lightning protection system. Independent laboratories have rigorously tested the complete system, demonstrating its ability to survive lightning strikes up to 80,000 amperes and continue to operate.

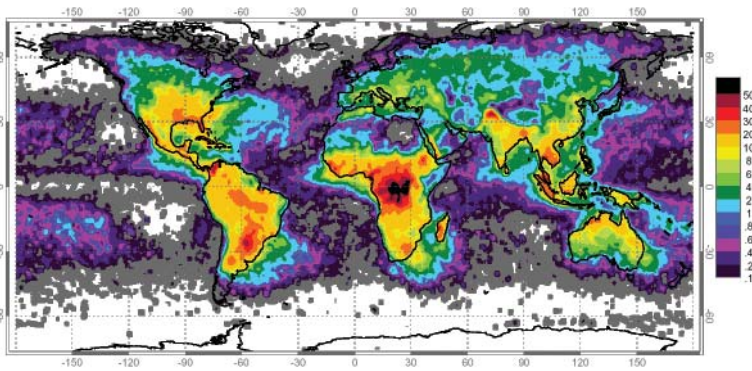


StrikeShield™ Lightning Protection

Don't let a lightning strike knock out your vehicle scale. StrikeShield lightning protection keeps your weighing operation up and running even when lightning puts other systems out of commission. It is the main line of defense for an entire vehicle scale system: load cells, cables, and terminal. All scale components are protected against electrical damage, saving you from costly downtime, repairs, and replacement. Because the POWERCELL® PDX® load cell network eliminates junction boxes, there are even fewer components that could potentially be damaged. You can rely on StrikeShield lightning protection to keep your scale operating. No other lightning protection system is as complete or as thoroughly tested.



StrikeShield™ Lightning Protection System



Lightning strikes an average of 8.6 million times per day globally. This world lightning map by NASA shows the geographic distribution of the strikes.



The StrikeShield lightning protection system has been thoroughly tested by independent laboratories: Lightning Technologies, Inc. and Elektro Swiss AG. Tests using POWERCELL PDX load cells have demonstrated the system's ability to survive lightning strikes up to 80,000 amperes, which is more than twice the strength of the average lightning strike (30,000 amperes).

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Produced in a facility that is



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