

# RUSTY'S ★ WEIGH SCALES & SERVICE INC.

## Analog vs. POWERCELL Load Cells



**Analog**



**POWERCELL**

**GDD**

\* 5 Year  
Guarantee



**POWERCELL**

**PDX**

\* 10 Year  
Guarantee

- Field access Jboxes are susceptible to moisture and misadjustment
- Minimal to no lightning protection.
- Weak analog signal which is at high risk of disturbance.
- Individual load cell diagnostics are not reported.
- No adjustment to changing environmental conditions.

- Termination Jboxes hardwired to canister/ cables integrated in load cells
- Lightning protection tested at 29,000 amperes.  
\*Average Lightning Strike=30,000 amperes

- No hardware or junction boxes- cells wired in series
- Lightning protection tested at more than 80,000 amperes.

- Strong digital signal enhanced with state-of-the-art algorithms to assure the highest level of accuracy of any load cells.
- Diagnostics include: Individual load cell outputs, temperature, overload, supply voltage and signal voltage.
- Active compensation and adjustment for temperature, loading and drift.

## POWERCELL Technology

- Proven reliability with over 1million load cells installed.
- Spend up to 55% less on annual repairs.
- On average 3 times more accurate than other load cell technology.
- Withstands surges almost three times stronger than the average lightning strike.



**800-666-2802**  
**rustysweigh.com**

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