iCan Intelligent Junction Box

The iCan ADVANTAGE

Cardinal's iCan system offers all the same advantages as a digital load cell system, plus these additional benefits:

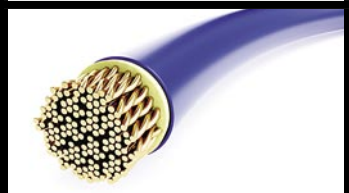
iCan Works With Any Analog Load Cell. *You're Not Tied To A Single Source!*

With digital load cell systems, you're tied to the manufacturer for the life of your scale. You cannot buy their digital load cell from anyone but that manufacturer and, further still, their load cell's output is proprietary, which means no one can copy it. This means all electronics, for service and replacement, must be purchased from the same manufacturer for the life of the scale. You have no choice of adding other electronics, including the indicator.

SmartCal
one-step calibration

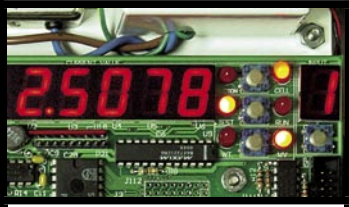
Cardinal's SmartCal® System Allows Single Pass Calibration.

Using a patented software algorithm called SmartCal®, Cardinal's iCan system can automatically calculate the required compensation factors for each individual load cell with only a single application of load. There are no potentiometers to turn nor switches to set up. You simply move a known load over a cell, press a key, then repeat for the remaining load cells and you've calibrated the scale!



Robust Communication Greatly Decreases The Effects Of Voltage Surges.

Cardinal's iCan Intelligent Junction Box is connected to the digital weight indicator with either a twisted pair of conductors or, where you need extra isolation, with glass or plastic-cored fiber optic cable. There's no more need for multi-conductor cables!



Easy On-Site Diagnostics.

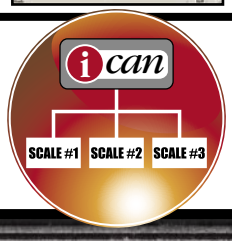
Cardinal's iCan Intelligent Junction Box contains an internal diagnostic display just for the scale technician. This 6-digit display provides the technician with a display of scale weight, individual load cell millivolt output, or total scale weight. A single character identifies the load cell in the individual load cell display mode. There is no more running between the scale and weight indicator or having a second man stationed at the weight indicator.

Quickly Identifies Potential Problems Before They Interrupt Weighing.

With iCan, the weight indicator notifies the operator any time it detects a change in a load cell's no-load output which signals potential problems. Using the on-board diagnostics display, the scale service technician can quickly identify the source of the problem before it interrupts weighing operations, allowing maximum uptime.

Compatible With Cardinal's iSite Remote Monitoring System.

Cardinal's iSite system provides you with real-time remote monitoring. The communications can be performed via network TCI/IP connections, direct serial port connections, or dial-up modem connections to provide status reports from one or more iCan-equipped scales. An automatic request feature automatically initiates these reports at selected intervals. iSite allows you to keep track of multiple scales without ever leaving your office.



iCan Systems Work With Single Or Multiple Scales.

Multiple scales, each with one or more load cells, can be supported in a single iCan system. This is ideal for multi-platform scales or several scales at a remote location that can be monitored using the iSite system.

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