

Pots and Pans Press Load Cells

Industry: Manufacturing, CPG

Summary

Customer Challenge

During the manufacturing processes for aluminum pots and pans, this involves sheets of aluminum that are spun and pressed into the required shapes. A load cell is needed to measure the force exerted during the shaping process.

Interface Solution

Interface's 1210 Standard Precision Universal LowProfile™ Load Cell is installed into the press machine that shapes the pots and pans. Force results are synced through the INF-USB3 Universal Serial Bus Single Channel PC Interface Module. These results can be displayed on the customer's PC with supplied software.

Results

Interface's lowprofile load cell and instrumentation successfully and accurately measured the forces exerted during the pots and pans manufacturing process.

Materials

- 1210 Standard Precision Universal LowProfile™ Load Cell
- INF-USB3 Universal Serial Bus Single Channel PC Interface Module with supplied software
- Customer computer
- Customer pots and pan press machine

How It Works

1. The 1210 Standard Precision Universal LowProfile™ Load Cell is installed into the mechanism that presses the aluminum sheets.
2. An aluminum sheet is pressed and shaped into a pot or pan.
3. The 1210 measures the forces exerted, and is sent to the INF-USB3 Universal Serial Bus Single Channel PC Interface Module where the force results are displayed, logged, and graphed on the customer's computer.

