

Headset Manufacturing Interface Mini™

Industry: Manufacturing

Summary

Customer Challenge

During headset manufacturing, the headsets are assembled in multiple steps. Load cells are needed during the manufacturing process for assembly verification, ensuring all parts of the headset such as cables, microphones, and other components are assembled correctly and securely.

Interface Solution

Interface's LWPF1 Press Force Load Washers can be installed into machines that require compression or pressing components together during the headset manufacturing process. The LWPF1's will be able to monitor and read the correct amount of force it takes to press components of the headset together. Results were monitored using the INF-USB3 Universal Serial Bus Single Channel PC Interface Module.

Results

Interface's LWPF Press Force Load Washers successfully measured the forces of different machines during the headset manufacturing process.

Materials

- LWPF1 Press Force Load Washers
- INF-USB3 Universal Serial Bus Single Channel PC Interface Module with supplied software
- Customer press machine
- Customer PC

How It Works

1. Multiple LWPF1 Press Force Load Washers are installed into machines that use compressive forces, such as trademark stamping and headset molds.
2. The force results were monitored when connected to the INF-USB3 Universal Serial Bus Single Channel PC Interface Module.

