

Tablet Hardness Testing

Interface Mini™

Industry: Medical and Healthcare

Summary

Customer Challenge

A pharmaceutical tablet producer wanted to test and monitor the hardness of the tablets being created in their tablet forming machine.

Interface Solution

Interface's SML Low Height S-Type Load Cell was mounted to the hardness testing device inside the tablet forming machine. The SML Low Height S-Type Load Cell was then connected to the 9870 High-Speed High Performance TEDS Ready Indicator to record the force measurements.

Results

The tablet producer was able to verify and test the specific hardness needed for their tablets being produced by their tablet forming machine.

Materials

- SML Low Height S-Type Load Cell
- 9870 High-Speed High Performance TEDS Ready Indicator

How It Works

1. The SML Low Height S-Type Load cell was customized to fit into the hardness testing device inside the tablet forming machine.
2. The output of the SML was connected to the 9870 High-Speed High Performance TEDS Ready Indicator.
3. The customer was able to calibrate and clarify the specified hardness for the tablets being formed.

