

Moisture Analyzer Interface Mini™

Industry: OEM, CPG, Weighing

Summary

Customer Challenge

High-precision equipment like moisture analyzers require exact weight readings of sample substances to maintain product stability, quality, and consistency. Original Equipment Manufacturers (OEMs) face the challenge of integrating reliable weighing units into compact spatial dimensions while avoiding common setup and scaling errors. A sensor is needed that can withstand rigorous operational cycles and installation overloads, while still being precise during testing.

Interface Solution

Interface's MBI Overload Protected Miniature Beam Load Cell provides an exceptional lightweight and high-precision weighing option. The MBI features a compact construction specifically targeted for space-saving OEM applications. The MBI can be installed in the moisture analyzer during a weight reading of a sample substance.

Results

Implementing Interface's miniature MBI load cell allows manufacturers to achieve exact, repeatable weight tracking for sample substances. It successfully eliminates common setup errors and reduces manual calibration time.

Materials

- MBI Overload Protected Miniature Beam Load Cell
- Customer Moisture Analyzer

How It Works

1. The Interface MBI Overload Protected Miniature Beam Load Cell is mounted directly beneath the weighing platform of the moisture analyzer. The MBI sensor connects to compatible analog or digital signal conditioners and amplifiers to process the weighing data.

