

**Case Study: Global Weighing Technologies (GWT)
Load Cells**

**Application: Batch Weight Monitoring on Rotating Drums
Candy Manufacturer**



Problem Inconsistent amounts of coating applied to candy in a rotating drum were costing this customer between \$2000 and \$3000 per week in scrap and product waste.

Existing load cells were susceptible to vibration in the circular drums, causing inaccurate measurements of coating ingredient being added into the drum.

Current Business Result The amount of coating applied to the rotating candies is determined by measuring the weight of the product during processing. The thickness of the coating increases as the product weight increases.

It was impossible to maintain the accuracy of traditional load cells under the constantly rotating equipment, which resulted in waste of coating and scrap product.

Solution GWT load cells' "floating contact" design is immune to the vibration inherent in rotating equipment. After switching to the GWT load cells, the customer found that the amount of coating applied to the candy product was reduced by 30 percent. Cost savings of raw material and scrap product were so significant that they saw a payback on the cost of the load cells and installation in less than three months.

Customer Comment **Three months ROI, more consistent product, no more waste... Global Weighing load cells are our new standard!**