

# TELEDYNE HASTINGS INSTRUMENTS

## APPLICATION NOTES

Goal: Portable Test System for the Evaluation of Components of Vacuum Meatpacking Machines



The customer required a vacuum transducer that combined fast measurement with simple interfacing. The instrument is part of a portable test system for the evaluation of components of vacuum meatpacking machines.

Meatpacking machines rely on several vacuum levels during the process for proper packing of the products. If the vacuum does not reach the required level, the sealing or processing of the product may be out of tolerance of specified parameters and cause losses of product and downtime of the machine.

Using a portable testing system, which included the HPM-760S Vacuum Transducer, a field service agent can quickly determine the actual process conditions of the meatpacking machine and if the machine is operating properly. This system configuration provided the customer with the vacuum transducer required for testing the meatpacking process, enabling quick troubleshooting, reduced losses and reduced downtime of meatpacking machines.

HPM-760S Piezo Vacuum Transducer · Economical, Proven Reliability · Absolute Pressure Measurement, Independent of Gas · Fast Response and Linear Voltage or Current Output.