

# TELEDYNE HASTINGS INSTRUMENTS

## APPLICATION NOTES

### Goal: Portable Calibration System

#### Description:

A customer required a portable calibration system for remote field calibrations. The system design included three Hastings HFM-200 Series mass flowmeters and a Model 40 four channel power supply installed in a self-contained portable carrying case.

The Hastings mass flowmeters was calibrated traceable to NIST standards.

The mass flowmeters were mounted horizontally to allow for easy access to the zero and span potentiometers via the front panel. A fan located on the front panel insures adequate ventilation.

The compact three channel system weighs approximately 30 pounds and measures 20"H x 9"W x 15"L.

HFM-200 Mass Flowmeter  
Excellent Linearity  
Long Term Reliability