



KISS TECHNOLOGIES INC

KT450 FieldSERVICE

## **KT450 FieldSERVICE**

### **Mold Oscillation Monitoring Service**



KT450 FieldSERVICE provides analysis of your mold oscillator, as you need it. Using a portable system consisting of an industrial-grade laptop computer, high-temperature system cables, and four compact sensors with magnetic bases, our KT450 service technician quickly evaluates and reports on the condition of your oscillator.

KT450 FieldSERVICE is performed on a scheduled basis as part of a predictive maintenance program, or upon request to evaluate special conditions. It is offered for both noncasting mechanical inspection and short-term online measurement while casting. The system used by our engineers when providing service, the KT400 FieldMOMS, is also available for purchase or rent.

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# KT450 FieldSERVICE

## Mold Oscillation Monitoring Service

### ADVANTAGES

- Rapidly identify mold oscillator mechanical/control issues
- Prioritize maintenance of caster mold oscillators
- Compare oscillator performance in noncasting and casting conditions
- Evaluate optimal casting practices
- Evaluate mold lubrication practices

### MEASUREMENTS AND CALCULATIONS

- Up/Down Displacement
- Left/Right Displacement
- Front/Back Displacement
- Residual Displacement
- Phase
- Rise/Fall Ratio
- Low, Medium and High Frequency Vibrations
- Negative Strip Time and Ratio
- Positive Strip Time and Ratio
- Mold Lead
- Friction Index
- Oscillation Mark Depth

