Kiln-Jam
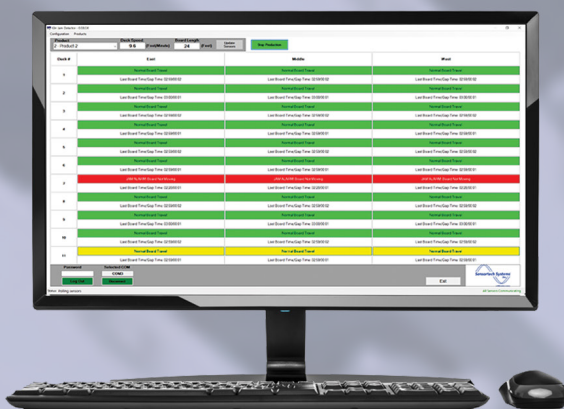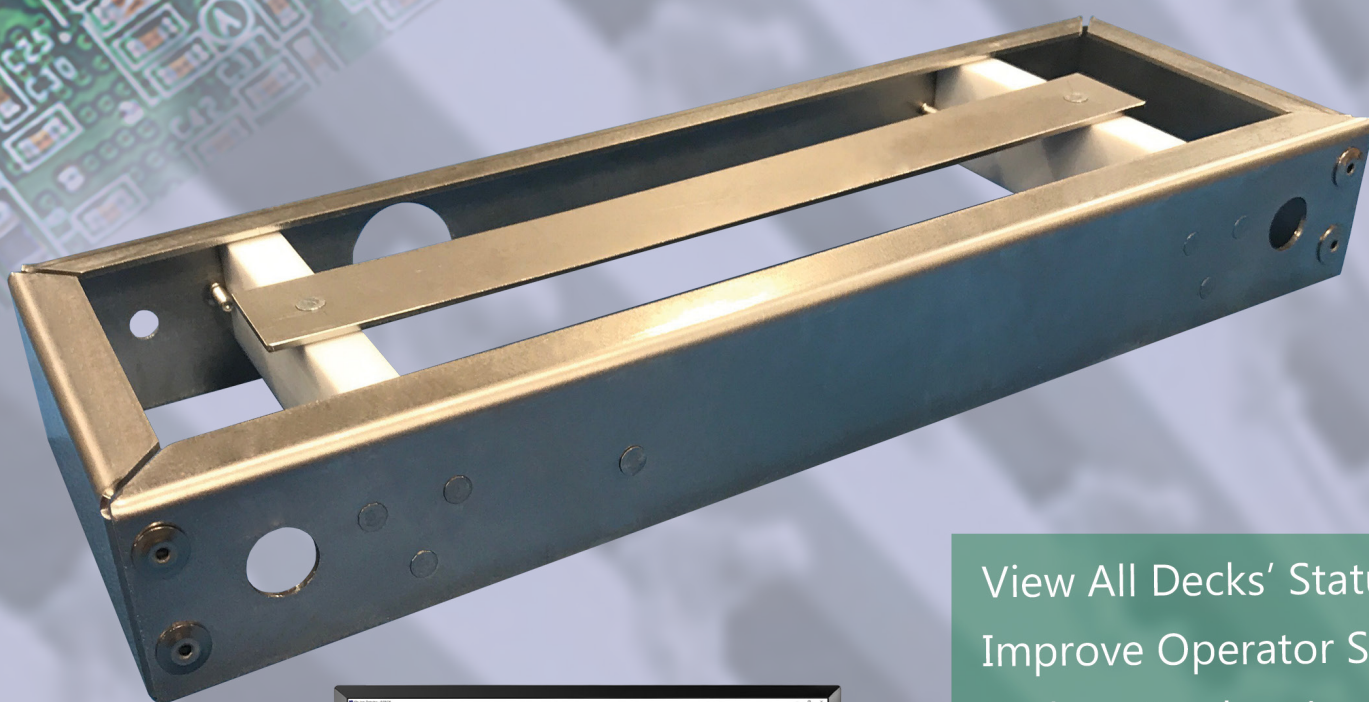## DETECTOR
KJD-7000

View All Decks' Status

Improve Operator Safety

Reduce Product Loss

Decrease Kiln Damage

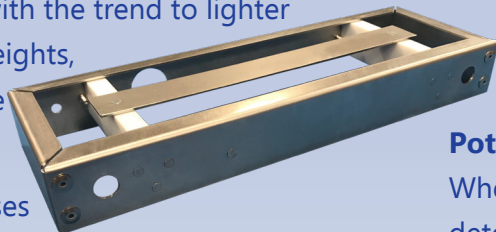Shorten Clean-up Time

Sensortech Systems® Inc.

MEASUREMENT AND CONTROL
for MANUFACTURING QUALITY

KJD-7000
Kiln-Jam DETECTOR

A kiln jam is one of the most feared events that may happen in gypsum board manufacturing. Fortunately a rare occurrence, but with the trend to lighter and ultra-light board weights, jams are occurring more frequently.
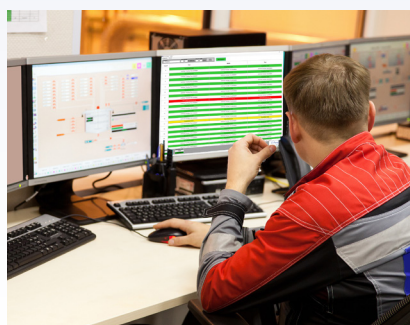
Potential significant losses include:

- Product loss inside the dryer
- Lost production during clean-up
- Kiln damage from jam or clean-up
- Operator injury from unsafe conditions when attempting to locate and clear jams

The key to minimizing losses is rapid kiln-jam detection.

The KJD-7000 enables gypsum board manufacturers to continuously monitor all decks and board streams and identify the exact location of a kiln jam as it happens. Early detection ensures quick clean up with minimum loss of product and production time.

Unlike earlier mechanical systems, the KJD-7000 system is non-contact and will not impede board movement Build-up of silicone emulsions and siloxanes, which effect optical systems, have no influence on the RF sensors of the KJD-7000 system.
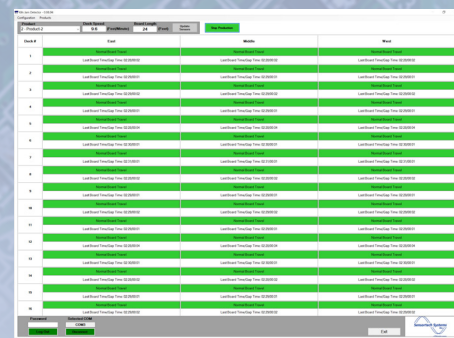
The KJD-7000 system empowers plant staff to monitor board flow status online from the convenience and safety of the office, away from the kiln.
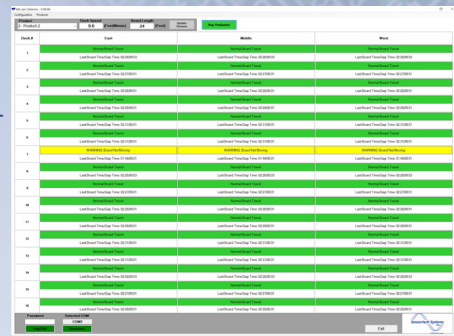
MONITOR ALL DECKS WITH KJD-7000 SOFTWARE

Normal Board Flow
When boards are running normally, the system displays the deck levels in green.
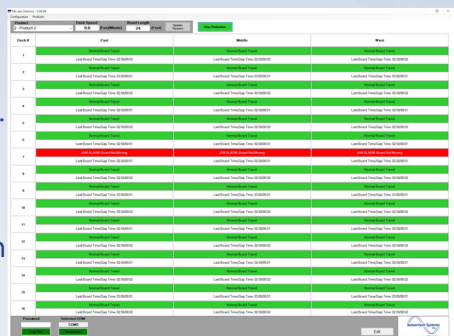
Potential Board Jam
When the system detects a nominal out-of-parameter board presence or absence, the deck position is indicated in yellow.

Actual Board Jam
A red signal alerts a definite jam detection. Knowing the exact deck level and board position operators can immediately initiate a jam contingency plan to safely rectify the issue and resume production in minimal time.

SENSOR SPECIFICATIONS

Maximum Operating Temperature:	375°C (750°F)
Sensors Per Zone Array:	Up to 48
Sensor Dimensions:	300mm x 100mm x 25mm (12in x 4in x 1.5in)

SENSORTECH SYSTEMS, INC., a KPM Analytics company, is a full design, development and manufacturing company specializing in moisture measurement technology. Our instruments support diverse industries throughout the world and we develop solutions for a comprehensive range of applications.

36 Years
ESTABLISHED 1983 • THE MEASUREMENT & CONTROL COMPANY
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KPM ANALYTICS