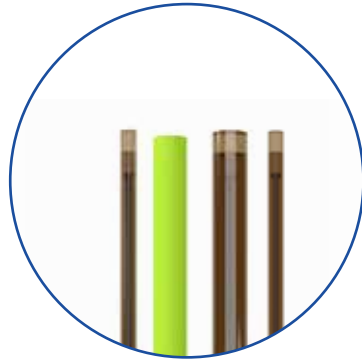


FIBER OPTIC TEMPERATURE SENSORS FOR WOOD DRYING APPLICATIONS



- INDUSTRY LEADING RUGGED FIBER OPTIC TEMPERATURE SENSORS
- DESIGNED FOR ROUGH HANDLING & HARSH ENVIRONMENTS



Microwave/RF Wood Drying

- Fast drying
- Consistent drying process
- Minimize danger of cracks, shape and changing the color of wood
- Chemical free
- Eco-friendly / Bio Safe



FIBER OPTIC FOR WOOD DRYING APPLICATIONS

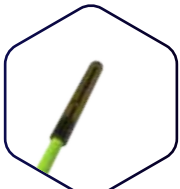
Benefits for Fiber Optic Monitoring in Microwave Process

- Test certificates for customer specification compliance
- Fiber optic sensors are immune to RF/ Microwave
- Avoid RF waves burning the center of the beam
- Continuous Monitoring for quality control

Our Solution:



T301

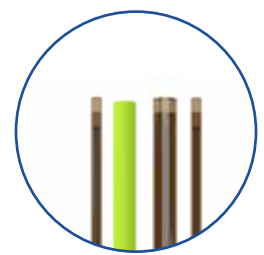
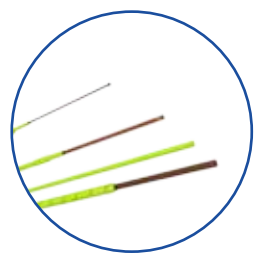


Rugged Fiber Optic Sensor



Rugged Connect

Rugged Fiber



Benefits of wood drying

- Remove moisture
- Improve structural integrity
- Avoid Shrinkage
- Control the color, shape
- Eliminate insects and parasites



Why Wood drying

In the wood industry, wood is dried

- Remove moisture
- Improve structural integrity to avoid damage from shrinkage
- Control the color, shape
- Elimination of living organisms like insects and parasites.

Advantages of Microwave/RF Drying

- Fast drying (2 days in a Kiln instead of 2 month in the back yard)
- The most homogeneous drying process
- Minimize danger of cracks, shape and changing the color of wood
- Avoiding burning the center of the beam

Chemical free

- Methyl bromide (MeBr) has been widely used to decontaminate wood infected by living organisms.
- MeBr is highly toxic and depletes the stratospheric ozone layer, the use of Microwave is non toxic and eco friendly

Typical Customers

- Wood processors
- Wood Exporters
- Furniture manufacturers
- Shipping material providers

Advantages of Fiber Optics

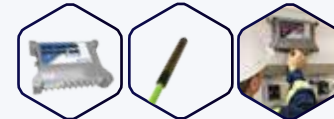
Fiber optic monitoring in wood drying provides significant benefits to traditional methods

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Advantages of Fiber Optics

Fiber optic monitoring in wood drying provides significant benefits to traditional methods

- | | |
|------------|-----------------------------|
| • Monitors | • T301 |
| • Sensors | • Rugged Fiber Optic Sensor |
| • Software | • Rugged Connect |



Interested to learn more

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About Us

Rugged Monitoring is a team of industry leading fiber optic experts with 100+ years of combined experience committed to delivering customizable solutions for challenging applications. We offer a range of reliable, high performance, customizable sensors and monitoring solutions that are immune to external influence.