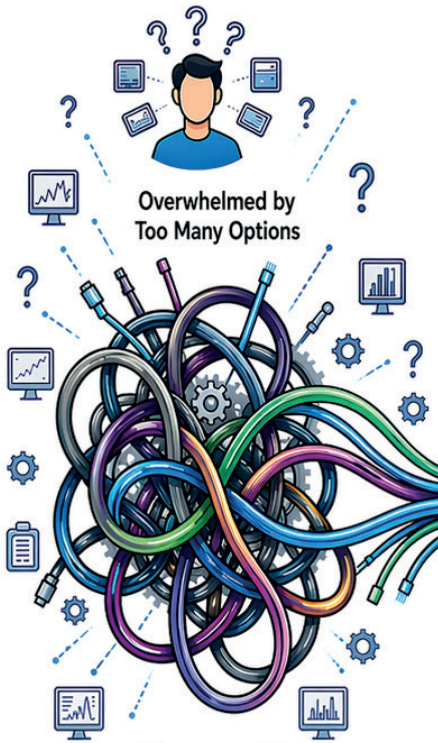
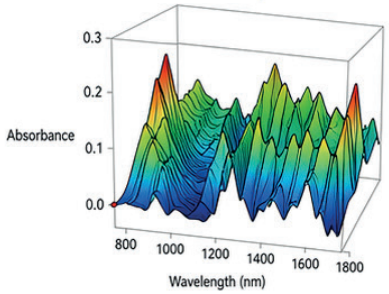
Simplify Your Process Monitoring: The Art Fiber Systems (AFS) Pathway

The Challenge:
Complex Process Spectroscopy



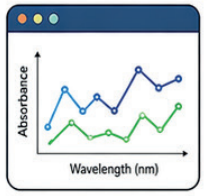
The AFS Guided Pathway

1. Multi-Method Lab Test – with AFS Multi-Spectral Fiber System



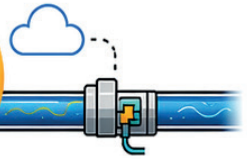
2. Selection of Key Spectral Features
from Multi-Spectral analysis of specific molecular reaction (with KAX Group)

3. Tailored Solutions



AI Driven Chemometric Model
Translating spectral data into real time changes of molecular composition.

Design of MSF-System
with budget matching set of fiber spectrometers of specific process



Deploy of Spectral Fiber Sensors (SFS)
Customised for specific process & Remote cloud control

ArtFiberSystems

FLEXIBLE. LIGHT. SOLUTIONS.

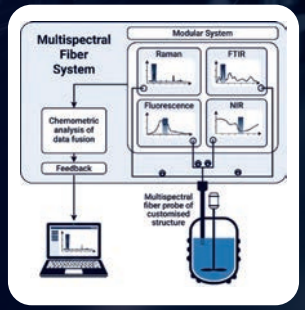
Test of Customer Process *in-situ*
across the 0.3–16 µm range

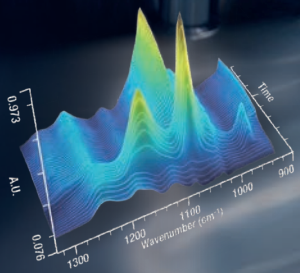
Selection of the Key Spectral Features
using multivariant data analysis & fusion

AI-driven Chemometric Model Development
to control molecular changes ***in-line***

Development of customized MSF-System
tailored to specific oring

Spectral Fiber Sensors
customized for remote process control via Cloud

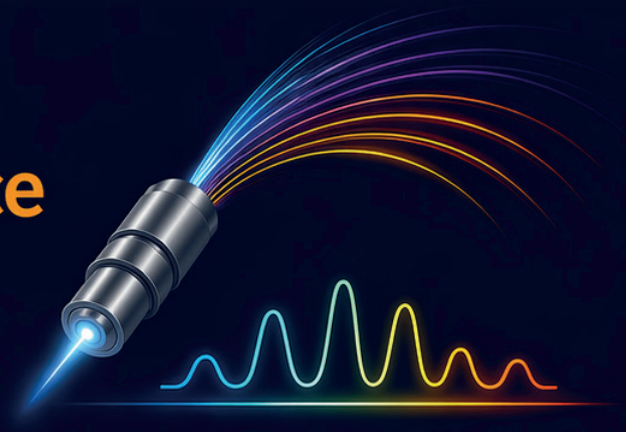




Visit us at:
www.afs.art

Turn Your Production into Real-Time Intelligence

Customized Fiber Spectroscopy Systems for Process Monitoring *in-situ*



Industry Challenges

- Sampling Delays
- Inconsistent Yield
- Quality Variances

The AFS Solution

- Real-Time Monitoring
- High Consistent Yield
- Enhanced Product Quality

What We Offer:

- Multi-Spectral Fiber Systems
- AI-based Test Data
- Real-Time Data Analysis

HOW IT WORKS

1. Assess Your Process
2. Build Your Fiber System
3. Monitor in Real-Time

Boost Your Process Efficiency

Pharma • Chemicals • Food

ArtFiberSystems
FLEXIBLE. LIGHT. SOLUTIONS.

Bridging Science with Industry

LET'S GET IN TOUCH

to **enable**
your **multi-spectral**
process control
in-line

Smart Fiber Spectroscopy in 0.3–16 µm range

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