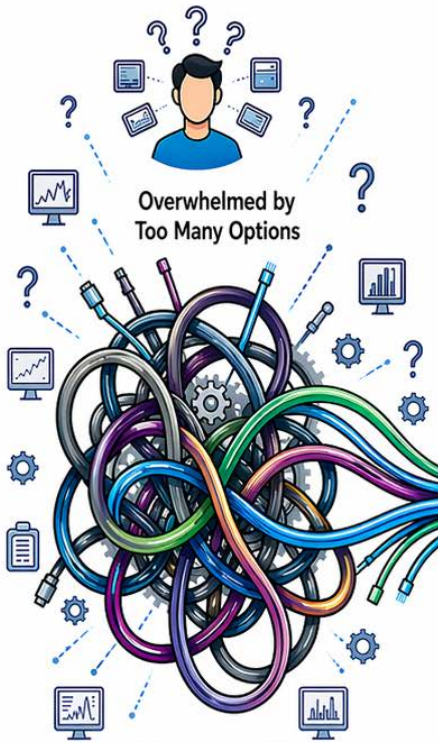
Simplify Your Process Monitoring: The Art Fiber Systems (AFS) Pathway

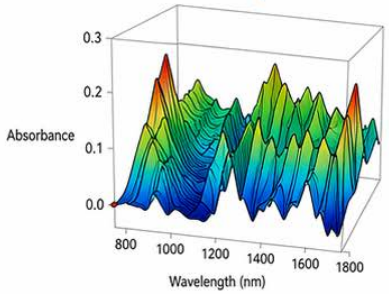
The Challenge: Complex Process Spectroscopy



The AFS Guided Pathway

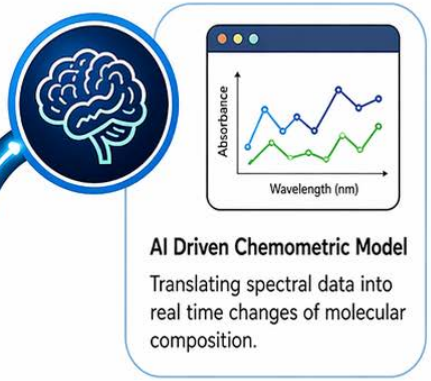


1. Multi-Method Lab Test – with AFS Multi-Spectral Fiber System



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

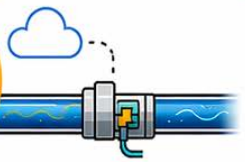
3. Tailored Solutions



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.

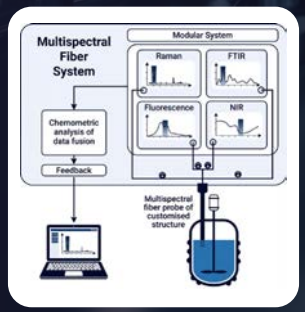
Test of Customer Process *in-situ*
across the 0.3–16 µm range

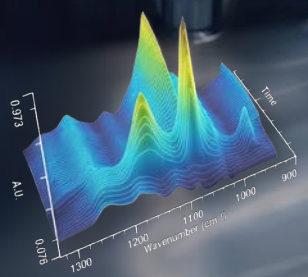
Selection of the Key Spectral Features
using multivariant data analysis & fusion

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

Development of customized MSF-System
tailored to specific process control

Development of Spectral Fiber Sensors
for remote process control via Cloud

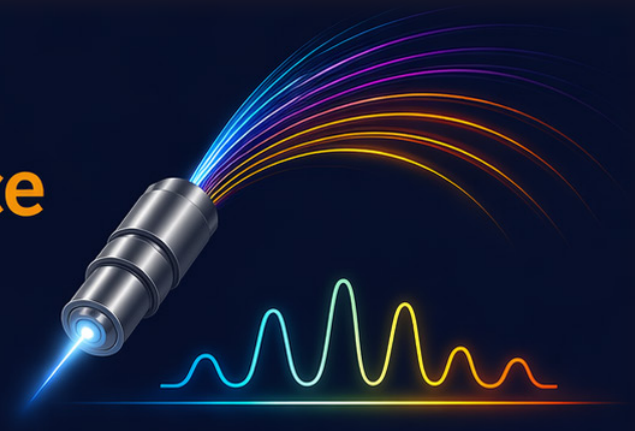




Visit us at:
www.afs.art

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

Art Fiber Systems GmbH
James Franck Str. 4
12489 Berlin, Germany

info@afs.art

www.afs.art

ArtFiberSystems
FLEXIBLE. LIGHT. SOLUTIONS.