

## FLAME SUPERVISOR

Compact, fail-safe optical flame monitor



- **Auto Learn function** for easy setup
- **Built-in redundancy**, uninterrupted operations
- **SIL 3** for both, low and high demand modes
- **Full remote control**: Flame Companion app
- **Cybersecurity compliant** as per IEC 62443

## INDUSTRIAL AND PILOT BURNERS

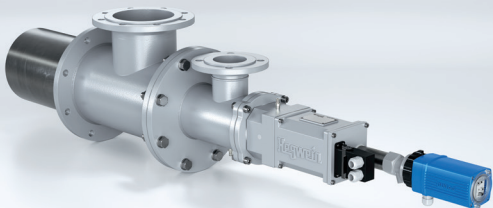
for up to 100% pure hydrogen

Safety & improved efficiency

Modular design

Easy commissioning

Safe front mixing



**HYDROGEN IGNITERS / BURNERS**  
for mixtures, light oils & all gaseous fuels

# DURAG GROUP

TECHNOLOGY FOR A CLEAN AND SAFE ENVIRONMENT

- + EMISSIONS & RAW GAS MONITORING
- + ENVIRONMENTAL DATA MANAGEMENT
- + AEROSOLS & AIR QUALITY MONITORING
- + COMBUSTION & SAFETY
- + PROCESS OPTIMIZATION
- + DECARBONIZATION / ENERGY TRANSITION

Find all our solutions on:  
[www.durag.com](http://www.durag.com)

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SOLUTIONS FOR  
DECARBONIZATION  
ENERGY TRANSITION

Flyer eco-printed. Please Recycle.

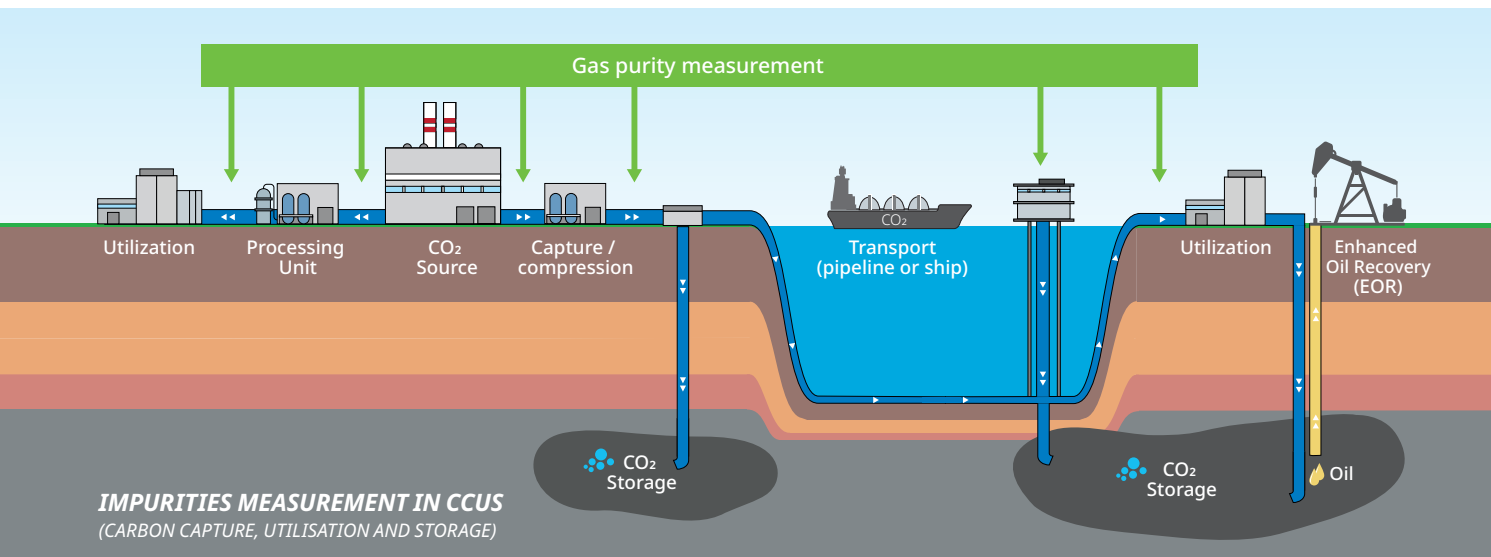
**DURAG.COM**

# ACCURATE GAS ANALYSIS

## FOR A CLEANER ENERGY FUTURE

### MAIN APPLICATIONS

- **Hydrogen Quality Monitoring**
- **Gas Purity** in NG, LNG, RNG, Biomethane, etc.
- **Impurities in CO<sub>2</sub>** for Carbon Capture, Utilization & Storage (CCUS):

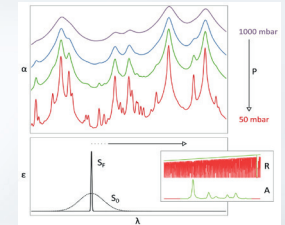


### MEASUREMENT COMPLIANCE

- **ISO 14687, EN 17124 and ISO 19880** standards for fuel cell mobility, H<sub>2</sub> purity and quality assurance
- **ISO 21087** - Analytical methods for hydrogen fuel
- **ISO 2612:2023** for NH<sub>3</sub> measurement (biomethane & natural gas)
- **CO<sub>2</sub> purity standards** for food & beverage industry...
- **Northern Lights Specifications**

## PROCEAS®

Laser infrared spectrometer



### TRACE LEVEL, MULTI-GAS ANALYZER

available in pressurized enclosure (ATEX, IECEx, cUL)

### KEY BENEFITS

- **Patented technologies:** OFCEAS® + LPS® for interference-free measurement, no drift, and long-term precision.
- **Long-lasting accuracy:** Online measurement, with no need for recalibration or sensor replacement.
- **Simplified operations:** Multi-point monitoring without zero or carrier gases reduces complexity and operational costs.
- **Infrastructure protection:** Real-time contaminant detection prevents corrosion and lowers maintenance costs for pipelines, turbines, carbon beds, etc.
- **Fast decision-making:** Accurate, real-time data supports process control and gas quality assurance.

Empowering Decarbonization & Energy Transition with Trace-Level Purity Monitoring