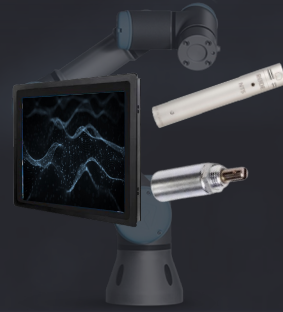# Acoustic Quality Assurance

Acoustic Sensor

SUPPLYZ detects anomalies by analyzing how objects respond to sound. To find anomalies such as cracks, tension, stress, or geometry errors in manufactured parts, this AI-powered sensor technology pings objects and listens to the acoustic reaction.

Data Driven Decisions

Gain unprecedented insight into your production processes, incoming goods, and assets. Make data-driven decisions to improve operational efficiency, quality control, and safety. Turn the physical world into data for smart decision making.

Analyze physical properties:
✓ Tension & stress
✓ Fractures
✓ Geometry errors
✓ Weld quality
✓ Corrosion & erosion

Non-Destructive Monitoring

Manufacturing Quality Assurance
Variability in manufacturing processes makes it essential to verify the quality of a manufactured part. Make sure your parts and assemblies aren't defective. Improve your IQC and detect fractures, tension or weld defects.
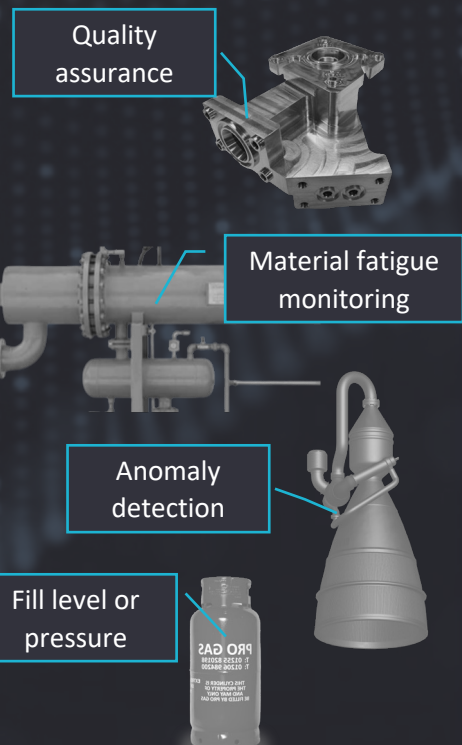
Structural Health Monitoring
Monitoring large and difficult-to-access infrastructure such as insulated pipes and steel structures is challenging. Material fatigue such as corrosion, erosion, and cracking lead to costly repairs and unplanned downtime. Empower your workforce with real-time data insights into the structural health of your assets.

Acoustic Fingerprint Comparison
Verify the structural integrity of an asset before and after an event and identify any anomalies.

Measure fill-levels
Get real-time data on the fill-level or pressure of gas, liquids and powders stored in steel containers without requiring material contact.

Quality assurance

Material fatigue monitoring

Anomaly detection

Fill level or pressure

PRO GAS

Discuss your current quality assurance processes with us to learn more.

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