

Steam QM® System

The Problem It Solves

Not all steam is created equal.

Superheat, moisture content, and non-condensable gases can silently reduce heat transfer, damage sensitive equipment, and derail process outcomes — especially in Pharma, Food, and Chemical industries.

Yet, most plants operate with zero visibility into steam quality. It's a risky blind spot.



Product Overview

The Steam QM® System is a first-of-its-kind diagnostic tool that measures key steam quality parameters — in real time, with precision.

Accuracy ±1.5% (dryness), ±2°C (temp.)

Operating range 3 to 32 bar (saturated and superheated)

Output 4–20 mA, Modbus RTU

Enclosure IP65 rated, stainless steel

Key Capabilities:

- ✓ Measures dryness fraction, superheat, and non-condensable gas (NCG) levels
- ✓ In-line, non-invasive sensor technology
- ✓ Digital interface with real-time analytics and data logging
- ✓ Compatible with live steam lines under full process conditions
- ✓ RS485 connection for data logging using a compliant device; results can be monitored remotely via MODBUS