

Features	Benefits
Artificial Neural Network (ANN) Technology	<ul style="list-style-type: none"> • Improved detection range (up to 28 meters) and background noise rejection prevents false alarms • No complicated acoustic training procedure at installation, fully operational right after power up • No densification for different plant areas, same leak detection range in the entire environment
Senssonic™ iacoustic self-test	<ul style="list-style-type: none"> • Ensures that electronics and microphone are always operational (failsafe operation) • Microphone windscreen is tested for acoustic blockage • 15 minute test intervals ensure fast response time for service
HART and Modbus	<ul style="list-style-type: none"> • Provides complete status and control capability in the control room
Supports GASSONIC 1701 and GASSONIC SB100 field test equipment	<ul style="list-style-type: none"> • Traceable test by GASSONIC 1701 ensures that all devices always have the same sensitivity and thereby the same leak detection range • Remote testing by GASSONIC SB100 up to 18 meters provides easy functionality test
Classic and Enhanced mode	<ul style="list-style-type: none"> • Ensures backwards compatibility with existing GASSONIC Observer-H (MSA Ultrasonic EX-5) installations
Event logging	<ul style="list-style-type: none"> • Stores fault, sound check, calibration, and alarm event history
SIL 3 suitable	<ul style="list-style-type: none"> • Ensures optimal reliability in a full SIL 3 approved F&G system • FM certified to IEC 61508

