Does your Automatic Tank Gauge (ATG) Systems meet your future needs?

(Loss Control - Safety - Environmental - Operational)



Volume Measurement to Custody Transfer Accuracy (API 16.2 and/or API 3.6)

Quality Measurement - Product (Fuel)
Product Stratification (Multi-point Temperature,
Multi-strata Density & Water)
Automatic Sampling (Based on API 8.1,
Upper-Middle-Lower)

Overfill Protection (API 2350)

Vapor Protection (Tank Over Pressure & Tank Vacuum)
Pressure Relief Vent Monitoring
Gas Blanket Monitoring

Unauthorized Product Movement

Leak Detection (Mass Sensitivity)

Improper Line-up's (Product Contamination)

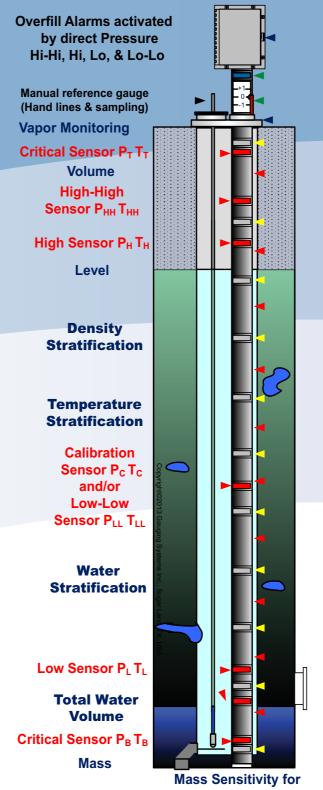
Theft

Vapor Emissions Monitoring (Measured Parameters)

Provides: Volume, Mass, Level, Multi-point spot temperature, Average temperature, Multi-strata density, Average density, Total water (Free, Emulsified, & Entrained), Vapor (Pressure, Temperature, & Density), Ambient (Pressure, Temperature, & Density), Flow rate (Volume, Mass), and Tank Bottom / Roof Movement Indicator.

Applications:

Transfer Tanks; MTG and Metered (Yield Analysis)
In-Tank Blending, Mixing, Heating (Crude,
Lubricants, etc.)
Water – Settling Tanks, Gun Barrel Tanks, etc.



MTG 3018 316SS Housing includes fully independent transmitters for the:

* MTG 3006 Overfill Protection Transmitter

* MTG 3012 Multi-function Tank Gauge &

Optional: Ambient Sensor P₀ T₀

Optional: Tank Floor Movement Indicator

Tank Flange - See Options

Vapor Sensor P₁ T₁

VAPOR DENSITY, TEMP., & PRESSURE
Tank Over Pressure or Vacuum Monitoring, Gas
Blanket, and Pressure Relief Valve Monitoring

Middle Sensor P₂ T₂

DENSITY STRATA 2:3

Middle Sensor P₃ T₃

DENSITY STRATA 3:4

Middle Sensor P4 T4

DENSITY STRATA 4:5

Middle Sensor P₅ T₅

DENSITY STRATA 5:6

Middle Sensor P₆ T₆

DENSITY STRATA 6:7

Middle Sensor P_7 T_7

DENSITY STRATA 7:8

Middle Sensor P₈ T₈

DENSITY STRATA 8:9

Middle Sensor P₉ T₉

DENSITY STRATA 9:10

Middle Sensor P₁₀ T₁₀

DENSITY STRATA 10:11 Free Water, Emulsified Water, & Entrained Water; Total Water Volume (TWV) Bottom Sensor P₁₁ T₁₁ TEMPERATURE / PRESSURE

Bottom Footer (UMHW Standard; Magnetic Optional)

Unauthorized Movement: Leak Detection
Product Contamination, Theft, etc.

MTG™ Patented Technology
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