

Why Limit Your Business By Limiting Your Tank Gauging Data?

GSI customers see a quick payback on MTG Technology. They experience both economic and operational benefits from its multiple functionalities and the amount of usable data it has to offer.

The MTG Provides:

- Volume measurement to custody transfer accuracy
- Quality measurement beyond API MPMS 8.1 standard
- Mass (Inventory / transfers; yields vs. metering)
- Level (Bottom referenced)
- Temperature (Multi-point & Average)
- Density (Multi-strata & Average)
- Water (Total water = free water, emulsified water, & entrained water)
- Overfill prevention (API 2350 5th Edition)
- Rupture prevention (Over pressure or vacuum)
- Unauthorized movement by mass sensitivity (Leak detection, Line-ups, Theft)
- Vapor monitoring (Emission parameters, Blanket, PRV monitoring, etc.)
 - Vapor pressure, temperature, & density
 - Ambient pressure, temperature, & density
- Operational benefits:
 - Water settling and removal (Crude Oil, Gasoline, JP)
 - Mixing / blending by S.G. or density (Crude oil, Lubricants, Additives)
 - Multiple alarms for pressure, mass, level, temperature, density (S.G.)



MTG "Multi-function Tank Gauge"

From the Gauge Head:

- Supports multiple standards; 1,000+ calibration points
- Self calibrating, Self diagnostic
- Provides diagnostics, raw, measured, and calculated data
- Only one top entry required (Accurate with or without gauge well)
- Intrinsically safe certified (9 – 14 VDC) – requires I.S. ground
- Multiple communication topologies and protocols supported



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