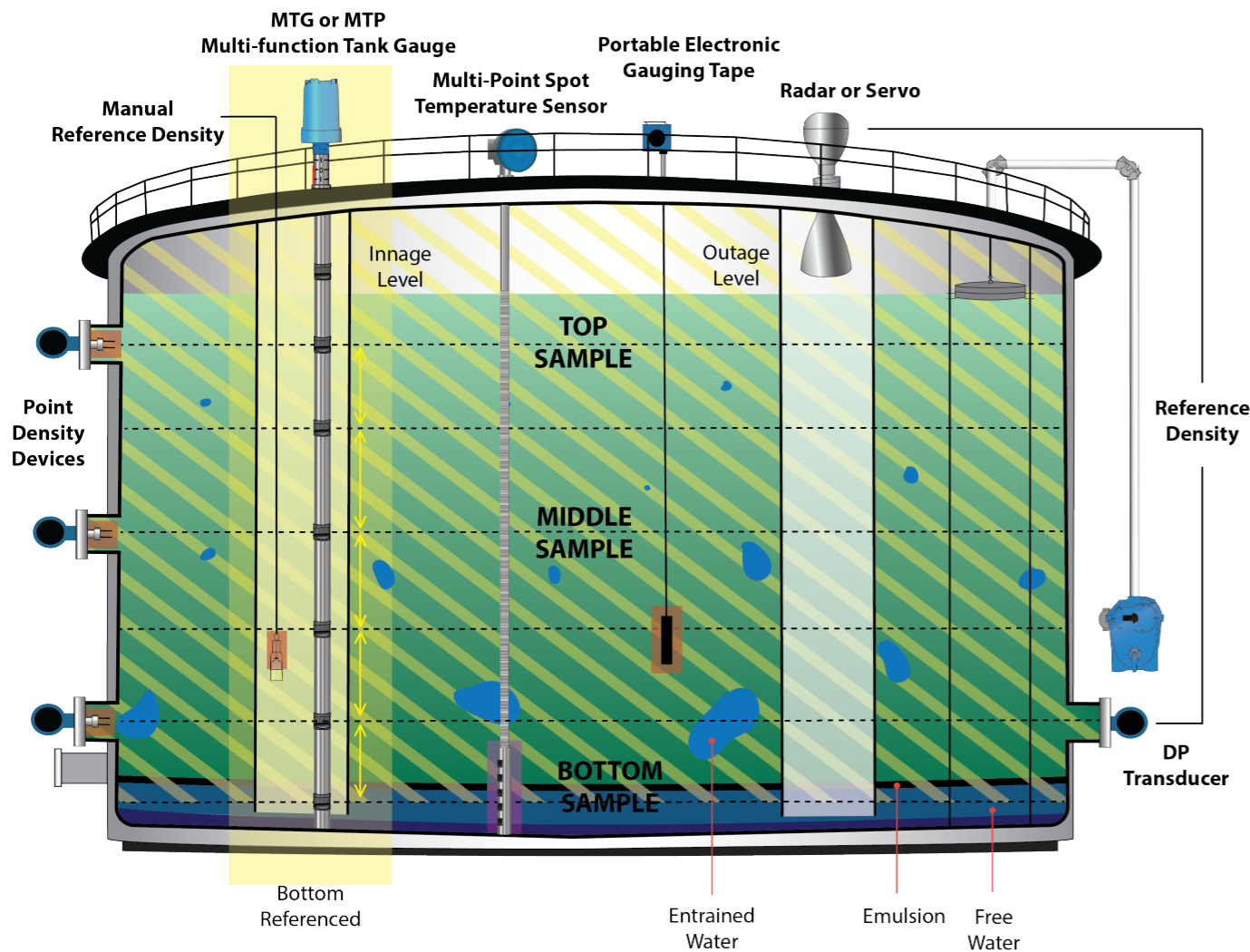





I Want My MTG!

More accurate liquid measurement and calculations are available

Metrology: The science of measurement in comparison to a known reference.

How do I verify level from my ATG with the manual reference measurement from the same location (API MPMS 3.1B)? How about Temperature, Density, and Water (API MPMS 3.6)? Is point measurement or total liquid measurement representative of the product in your tanks?



-  Full liquid cross section area of the tank in which the "Multi-function Tank Gauge" (MTG) measures mass, multi-strata density, total water (free, emulsified, & entrained) and multi-point spot temperature. Real-time data for sampling (product quality), settling (water draw-off), blending (bench mark), mixing, or heating of product.
-  Point density measurement by other technologies.
-  Point water measurement by other technologies.

MTG is a stainless steel probe, 2" diameter (standard), bottom referenced, no moving parts, installed with or without gaugewell in service.

For more information, visit us at www.gaugingsystemsinc.com or call us at (281) 980-3999.

Does your ATG meet your current and future needs?

The MTG can be configured in multiple ways depending upon the application, tank configuration, and data required. Each MTG consists of multiple sensors which provide redundancy against a gauge failure.

An MTG can also be configured with multiple independent sensor arrays and transmitter cards within one probe for total gauge redundancy. Examples: Tank gauge and Overfill / Rupture protection; Tank gauge and Leak Detection; Tank owner and Pipeline supplier; Tank renter & Product owner.

The MTG Multi-function Tank Gauge 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.



- **Volume / Mass Measurement to Custody Transfer Accuracy** (API 16.2 and/or API 3.6)
- **Quality Measurement - Product (Fuel) (API 1640 and 1543)**
 - Product Stratification (Multi-point Temperature, Multi-strata, Density & Water)
 - Real Time Sampling (Based on API 8.1, Upper-Middle-Lower)
- **Overfill Protection** (API 2350)
- **Rupture Protection** (Tank Over Pressure & Tank Vacuum)
- **Leak Detection** (Mass Sensitivity)
 - Unauthorized Product Movement
 - Improper Line-ups (Product Contamination)
 - Theft of Product
- **Vapor Monitoring** (Measured Parameters)
 - Pressure Relief Vent Monitoring
 - Gas Blanket Monitoring
- One tank entry, with or without gauge well. Allows for direct calibration at the same physical reference point between ATG and manual hand-lines. Self-Calibrating and Self-Diagnostic. Certified I.S. Instrument. (ATEX, GOST, IECEx, UL)

Gauging Systems Inc.

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