

TANKSYSTEM HONEYWELL UTI METERS

SERVICE CALIBRATION & SPARE PARTS

HERMetric UTImeter Electronic Gauges - Modular Design



Q2'' CONNECTION



Q1'' CONNECTION

PORTABLE GAS TIGHT ELECTRONIC LIQUID LEVEL GAUGING

The HERMetric UTImeter Gtex is a portable gas tight liquid level gauge designed for closed gauging of hydrocarbons and chemicals. The sensor is calibrated once at the factory and does not require subsequent calibration. The temperature probe is a RTD element. The characteristics of the RTD are stored inside the sensor. The sensor is sending true temperature values to the electronic box. Therefore changing a sensor or a tape does not require a new calibration. The unit is used for custody transfer, inventory control measurement and free water detection on marine vessels when connected to a HERMetric vapour control valve.

HERMetic Samplers GTN Chem



Portable gas tight Sampler with closed liquid transfer

The HERMetic Sampler GTN Chem is dedicated to applications where the sample has to be protected from any contact with the atmosphere during the whole lifetime of the sample. This new sampler has a closed vapour recovery system that repress the vapour back into the tank during the transfer of the liquid into the laboratory bottle. This new design allows all the advantages of the former HERMetic GT2 chem without use of a carbon filter for vapour recovery. It is recommended for sampling of hygroscopic or oxygenating chemicals and guarantees the integrity of the sample.

Easy installation on 2" vapour control valves with quick connect coupling

- The sampling height can be read from the graduated tape
- After sampling, the liquid can be transferred into a sealed laboratory bottle with septum by actuating the pump.
- Closed vapour recovery system that repress the vapour back into the tank during transfer of the liquid into the laboratory bottle.
- No toxic emission during sampling
- No gas release during operation
- The unit can be purged with inert gas before and/or after sampling
- The sampler is delivered with a zone sampling bottle if not otherwise specified. Additional spot, bottom or running sampling bottles are available
- Installation on 2" HERMetic Compact Valves exclusively

[Technical specifications](#)

[Principle of installation](#)

A sampler dedicated to your application:

The HERMetic Sampler GTN Chem is dedicated to applications where the sampler has to be protected from any contact with the atmosphere during the whole lifetime of the sample. The unit is also recommended for use in corrosive products.

HERMetic Compact valves



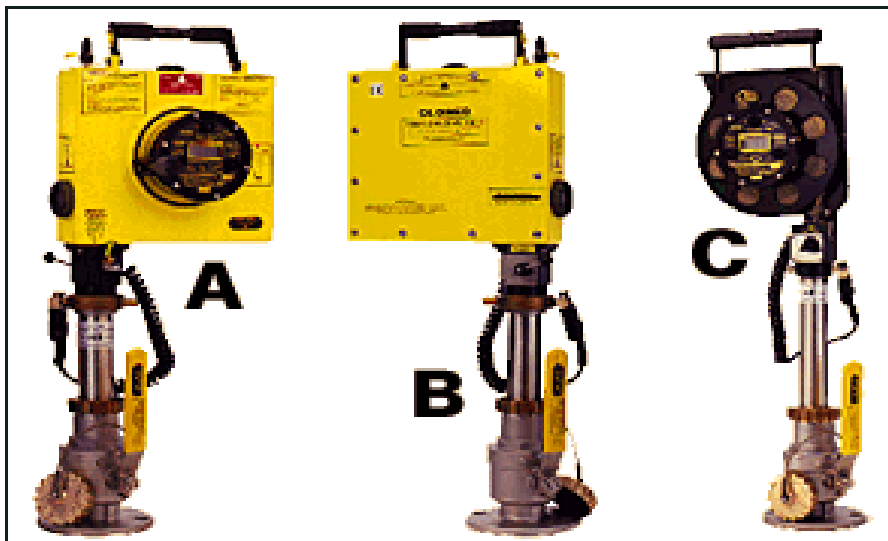
HERMetic Compact valves support all portable HERMetic equipment fitted with a HERMetic quick connector and represent the base for the zero-ullage reference when installed at the appropriate height. They ensure a safe and reliable operation of all portable HERMetic units certified for use in classified hazardous areas.

MMC PORTABLE GAUGE MONITORS

Portable Electronic Gauging Tapes for Petroleum and Chemical Tanks

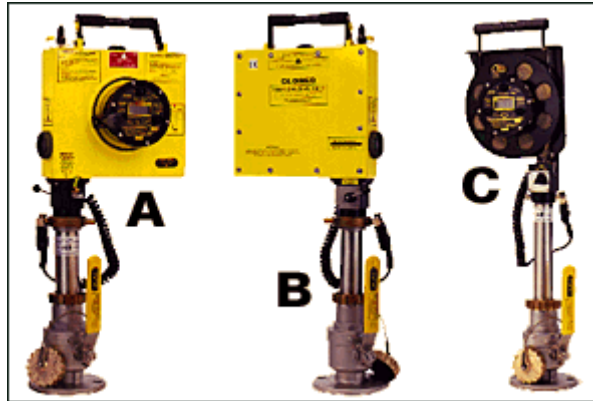
CLOSED (GAS-TIGHT) and RESTRICTED

MMC is the world's leading manufacturer of portable instruments for measuring ullage, oil-water interface, temperature, and bottom dryness in shipboard and land-based petroleum and chemical tank systems. All MMC systems are manufactured in the United States and are certified as intrinsically safe by Factory Mutual, SIRA/BASEEFA and CSA.



A, above, is the front view of the Flexi-Dip CLOSED Gauging Tape. **B** is the rear view of the same unit. **C** is the Flexi-Dip RESTRICTED Gauging Tape. All units are shown connected to MMC's [type "MB" vapor control valve](#)

MMC is the world's leading manufacturer of portable instruments for measuring ullage, oil-water interface, temperature, and bottom dryness in shipboard and land-based petroleum and chemical tank systems. All MMC systems are manufactured in the United States and are certified as intrinsically safe by Factory Mutual, SIRA/BASEEFA and CSA.



A, above, is the front view of the Flexi-Dip CLOSED Gauging Tape. **B** is the rear view of the same unit. **C** is the Flexi-Dip RESTRICTED Gauging Tape. All units are shown connected to MMC's [type "MB" vapor control valve](#)





Top: New compact gauging unit. Below: VLCC class. New sampling unit will be shown and detailed in a future new product release.

ENHANCED 'CLOSED' GAUGING SYSTEMS for Chemical & Refined Product Carriers

INWOOD, N.Y. -- In a move to address the special needs of chemical and refined product carriers and barges, MMC International Corp. has announced the release of a new "closed" gauging system design.

Featuring an ullage range of 15-20 meters (top photo) or 25-35 meters (bottom photo), the system uses a new "PeeK" plastic sensor suitable for most chemical products and also refined petroleum products.

Surface Mount Technology

The sensor employs state-of-the-art SMT (Surface Mount Technology) and circuit enhancements that provide better long term reliability, more precise ullage level sensing, and improved oil-water "layer detection."

The new compact model retains the same trouble-free, gas-tight, heavy duty mechanical design as its larger VLCC class brother. Both models now have built-in viewing window wipers.

"Intrinsically Safe"

All models are also approved as "Intrinsically Safe" (Exia IIC T4) and as Class 1, Div. 1 gas groups' C&D equipment.

Equipment quality is assured by SIRT (Baseefa) annual audits to confirm that quality requirements of ISO 9001 are maintained in addition to their supplementary requirements.

~~Periodic safety compliance audits are~~ also conducted by FM, CSA, SITA (ATEX), BV, DNV, CSS.

MMC is the world's leading manufacturer of portable instruments for measuring ullage, oil-water interface, temperature, and bottom dryness in shipboard and land-based petroleum and chemical tank systems