The HERMetic UTImeter Gtex is a portable electronic level gauge for closed gas tight operation resulting in increased safety and efficiency.

The unit is used for closed level gauging, temperature verification, custody transfer and free water detection on marine vessels. Connected to a HERMetic vapour control valve, the UTImeter Gtex avoids any gas release during operation and enables 3 measurements in one single operation, Ullage, Temperature and Oil-water interface level. By increasing safety and efficiency, Honeywell Tanksystem helps customers improve business performance.
The HERMetic UTImeter Gtex is a portable gas tight liquid level gauge designed to operate on deck of marine vessels. The unit is used for cargo inspection, custody transfer, temperature measurement, free water detection and verification of fixed installed level gauging systems. Connected to a HERMetic vapour control valve fixed installed on deck, the HERMetic UTImeter Gtex avoids any gas release during operation.

The unit enables 3, optionally 4 measurements in one single operation:

- Ullage
- Temperature
- Oil-Water interface level
- Innage, Reference height (Visc version)

A GAUGE IN DIFFERENT VERSION DEDICATED TO YOUR APPLICATION:

**HERMetic UTImeter Gtex**
- with 1” sensing probe, FKM gaskets for the main applications in hydrocarbons.

**HERMetic UTImeter Gtex Chem**
- with 1” sensing probe, FFKM gaskets and tape connector for use in corrosive liquids.

**HERMetic UTImeter Gtex Visc and HERMetic UTImeter Gtex Chem Visc**
- with 2 Inch load on the sensing probe, recommended for operation in high viscous products or for innage measurements in hydrocarbons or in corrosive liquids.
- Manual detection of tank bottom.

Installation, connection and references for the new UTImeter family are fully compatible with previous HERMetic UTI/GT3 type of equipment.

"A closed system exists when a marine tank vessel does not permit the direct exposure and/or release of the tank content into the atmosphere under normal operating conditions." (API MPMS 17.2 A.4.1.)
ULTRA SENSING PROBE

Benefits:
• 100% repeatability of measures.
• High accuracy and mechanical stability.
• Chemically resistant to corrosive liquids (Chem version).
• Small diameter for use on 1" HERMetic valves.
• Sensor exchange without need of new calibration.
• No temperature drift. No degradation of the sensitivity due to sensor ageing.

Low maintenance cost:

Storage tube SS1-Q2
Storage tube SS1-Q1
Storage tube SS2-Q2

Interchangeable adapters for connection to different vapour control valves (page 13)

Sensor fitted with additional load, recommended for operation in high viscous products.

Type: C2-SS-SEC
Type: C1-SS-W

Mechanical tape cleaning device as standard on all UTImeter
TECHNICAL SPECIFICATIONS:

Accuracy of ullage-interface detection: ± 2 mm (± 0.08” approx.)
Ullage, interface indication: Audible and Visible selectable
Maximum tank overpressure: 0.3 bar (4.4 psi)
Tape length: 15 m/50 ft, 30 m/100 ft, 35 m/115 ft
Tape graduation: Metric/English
Tape resolution: 1 mm / 1/16”
Tape accuracy: ± 1.5 mm/30 m (±1/16”/100 ft approx.)

Meets API MPMS Chap 3.1A and ISO 4512 requirements

Temperature accuracy:
Meets API MPMS Chap 7 request
Meets ISO 4268, IP PMM Part IV
Ambient temperature range: -20°C to 50°C / (-4°F to 122°F)
Temperature sensor measurement range: -40°C to 90°C / (-40°F to 194°F)
Temperature measurement resolution: 0.01° or 0.1° selectable
Temperature reading: °C or °F selectable
LCD Display: 8 characters with backlight
Power: Approved 9V batteries
Weight with 15 meter / 50ft tape: 4.4 kg / 9.7 Lbs.

Hazardous environments approvals
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Factory Mutual
IECEEx

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