



The HERMetric UTImeter Gtex 2000 is a portable electronic level gauge for closed gas tight operation resulting in increased safety and efficiency.

The unit is used for temperature verification, inventory control measurement and free water detection on shore tanks. Connected to a HERMetric vapour control valve, the UTImeter Gtex 2000 avoids any gas release during operation and enables 4 measurements in one single operation, Ullage, Temperature, Oil-water interface level and detection of dip datum plate. By increasing safety and efficiency, Honeywell Enraf Tankssystem helps customers improve business performance.

# HERMetric UTImeter Gtex 2000

The HERMetric UTImeter Gtex 2000 is a portable gas tight liquid level gauge designed to operate on top of closed petroleum and chemical tanks. The unit is used for verification of the fixed gauging system, temperature measurement, inventory control measurement and free water detection on shore tanks. Connected to a HERMetric vapour control valve fixed on the tank, the HERMetric UTImeter Gtex 2000 avoids any gas release during operation.

The unit enables 4 measurements in one single operation:

- Ullage
- Temperature
- Oil-Water interface level
- Innage, Reference height (manual detection of dip datum plate)

## A GAUGE DEDICATED TO YOUR APPLICATION:

### HERMetric UTImeter Gtex 2000

- with 2 Inch load on the sensing probe, recommended for operation in any kind of products. The weight of the probe permits a manual detection of the dip datum plate.
- The unit is fitted with FFKM gaskets and tape connector for use in corrosive liquids.



## ULTRA SENSING PROBE

### Benefits:

- Continuous temperature reading.
- 100 % repeatability of measures.
- High accuracy and stability.
- Chemically resistant to corrosive liquids.
- Easy access for battery exchange.
- Sensor exchange without need of new calibration.
- No temperature drift. No degradation of the sensitivity due to sensor ageing.
- Tape cleaning devices, window wiper and tape protection on all units as standard.
- Sensor fitted with load 500 gr. for high viscous products
- Heavy sensor permits manual detection of dip/datum plate. Reference height measurement

### Low maintenance cost:

Fully modular unit. Change tape, storage tube, sensor or instrument unit yourself.  
Easy and detailed instructions in Operation and Service Manual.



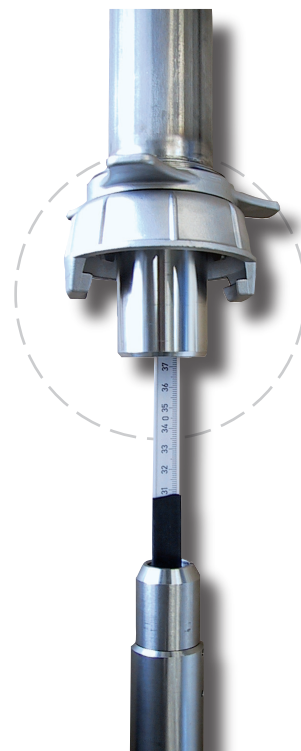
All HERMetric portable level gauges are delivered with a **taylor made plywood carrying case as a standard**. This special box avoids any damage during transport and storage.



Level reading on graduated tape through window



**Special tape protection** to protect the tape from inadvertent cut by closing the valve while the sensor is inside the tank. This mechanical safety device prevents damages on tape and reduce repair costs.



### Complies with:

- ISO, API, IP
- EC Directive 89/336/EEC
- EC Directive 94/9/EC
- EC Directive 96/98/EC

### Approved by:

- ATEX, Factory Mutual, CQST
- National authorities, (USCG, MSA, ..)

### ISO

- 4512
- 3170
- 4268

### API

- MPMS Chap 3.1A
- MPMS Chap 7
- MPMS Chap 8.1

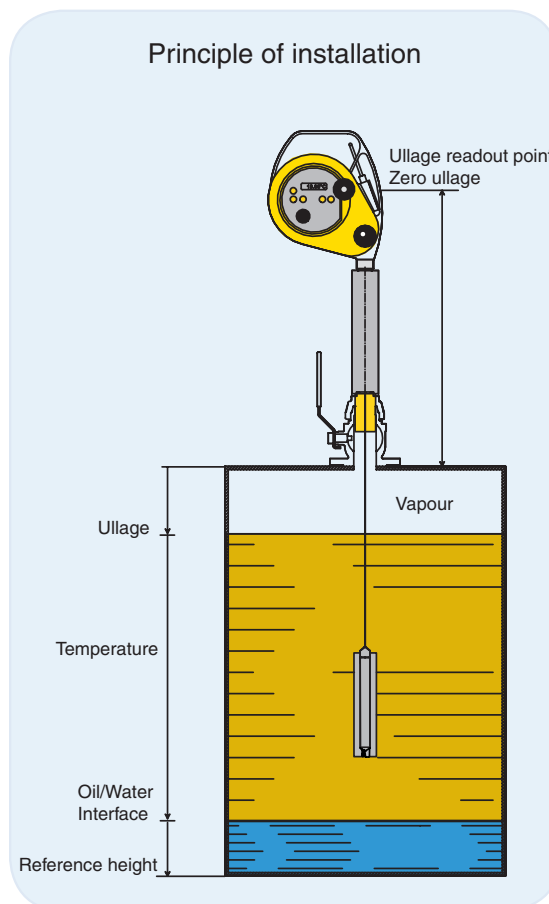
### IP

- PMM Part III-1
- PMM Part IV"



## TECHNICAL SPECIFICATIONS:

|   |   |
|---|---|
| Accuracy of ullage-interface detection:                   | ± 2 mm (± 0.08" approx.)  |
| Ullage, interface indication:                             | Audible or Visible selectable   |
| Maximum tank overpressure:                                | 0,3 bar (4,4 psi)   |
| Tape length:  | 30 m/100 ft   |
| Tape graduation:  | Metric/English  |
| Tape resolution:  | 1 mm / 1/16"  |
| Tape accuracy:  | ± 1.5 mm/30 m (±1/16"/100 ft approx.)                                     |
| <b>Meets API MPMS Chap 3.1A and ISO 4512 requirements</b> |   |
| Temperature accuracy:                                     | ± 0.1°C (0°C to 70°C);<br>± 0.2°F (32°F to 158°F)                         |
| <b>Meets API MPMS Chap 7 request</b>                      |   |
| <b>Meets ISO 4268 , IP PMM Part IV</b>                    |   |
| 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 30 meter / 100ft tape:                        | 6.9 kg / 15.2 Lbs.  |
| <b>Hazardous environments approvals</b>                   |   |
| ATEX  | II 1 G EEx ia IIB T4 / Tamb 50°C  |
| Factory Mutual  | CL I, DIV 1, C&D, T4 Tamb 50°C and<br>CL I, ZN 0, AEx ia IIB T4 Tamb 50°C |
| China CQST:   | ExialIBT4   |



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