

LOADING AND UNLOADING MONITORING UNIT

PRECINTANK®



GASSÓ

The logo for GASSÓ features a stylized 'G' with a red and white wing-like shape above it, all enclosed in a white glow.

et
EQUIPTANK

The logo for et EQUIPTANK features the lowercase letters 'et' in blue, enclosed in a yellow and blue swoosh, with the word 'EQUIPTANK' in blue below it, all enclosed in a white glow.

PRECINTANK is a loading and unloading monitoring unit, that allows for load control during the complete process of transport and delivery of petroleum products.

The system works separately from the normal operation of the tank truck, thus never interfering with it, and can be installed in tankers of one to ten compartments.

The system has been design to offer maximum security and adaptability in its working environment.

It represents a complete solution for all the sector's needs providing information of the distribution, loading, unloading, important events and productivity control.



SAFETY FEATURES

- Cargo control during transportation, quantity and quality wise.
- Work Safety: avoids worker from having to climb to the top part of the tanker to verify existing fuel level.
- VOC emissions: avoids emissions of environmentally hazardous particles to the atmosphere due to unauthorized openings.
- Detection of retained product in the pipes and compartments.

CARGO CONTROL

- Avoids theft and manipulation of the product transported by monitoring the sensors placed at all the possible openings of the tanker.
- All sensors used are namur type (which allows to see if the sensor is open, closed or shortcircuited).
- API valve sensor: The movement sensor detects opening and closing of the valve. Sensitivity is adjustable.
- The wet sensor detects the existence of product inside the pipes and / or inside the compartments.
- Bottom valve sensor: internally fitted to avoid tampering. Sensor detects opening and closing of the valve.
- Pressure relieve cap sensor: detects opening (optional).
- Manhole cover sensor: detects opening and closing.

FEATURES

- Bluetooth wireless module for data unloading.
- Rechargeable Lithium Ion battery. 72 H battery life.
- Internal power source to feed the whole system in intrinsic security and to safely recharge the battery. Ex II2(1)G e mb Ex ib(ia) IIA T4 Certification.
- Graphic LCD screen with back light.
- Display can be configured to suit the client's requirements.
- 2 GB to 4GB internal memory for registration and storage of events.
- Precitank software for HP iPAQ Pocket PC type - Tablet (Android).
- GPS location module.
- GPRS transmission module.
- System developed in accordance with the directives of european regulation EN 15208:2009 for electronic seals.



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