

Tank Gauging System

- Continuous tank contents measurement
- High and low level alarm functionality
- Ballast, cargo, fuel oil, service & mud tanks
- Series 500 liquid level transmitters
- Touch Screen Panel PCs & Panel Printers
- Level and volume bar graph indication
- Trim & list correction, draught measurement
- LRS & ABS marine approval



Overview

The system measures continuously the level and volume of tank contents for virtually any liquid. Additionally, the vessel's draught can be measured. High and low alarms can also be transmitted to an Alarm Monitoring System (via RS485).

Series 500 liquid level transmitters ensure precise tank content and draught readings. Zener barriers are applied when connecting transmitters installed in hazardous areas. A dual axis inclinometer is used to determine trim and list.

The transmitter and inclinometer digital outputs are fed directly into a Windows based touch screen panel PC. The tank contents data is corrected for trim and list and displayed in a digital bar graph format as well as numerically, along with the tank capacity and content's specific gravity.

The user friendly touch screen panel PC enables easy switching between screens. Up to 20 tanks can be displayed per screen. The total number of tanks and screens is unlimited.

Specifications

Touch Screen Panel PC:

Power Supply	90-250V AC or 24V DC
LCD Size	17"
Operating System	Windows XP
Operating Temperature	0°C...50°C
Storage Temperature	-20°C...60°C
Dimensions	435(W) x 385(H) x 95(D) mm
Weight	15kg
Protection Class	IP65

Series 500 Transmitters See Series 500 Data Sheet

Typical System Configuration

