



## Secu-Tech Electronic Tank Gauge

### LC-201 Level Controller 201

Electronic Tank gauge indicator with remaining volume display



#### LC-201

The Level Controller 201 is an electronic instrument for measuring tank contents in gallons, liters or percentage of tank volume.

The LC 201 evaluates the runtime of ultra-sonic pulses to detect the fluid level in the tank. The LC 201 is a maintenance free, highly reliable product that replaces mechanical tank gauges.

#### Data transfer through cellular network

#### Features

- All common tank shapes are supported
- Measurements are calculated using 40 kHz ultrasonic pulses
- Monitors up to 10,000 gallon tanks (maximum)
- Measurements in liters or gallons
- Easy installation - the gauge replaces the cap of the tank with two different size thread options
- Precise digital display
- Calculates tank level, distance to the tank level indicator sensor (inches), average demand per day and remaining time period based on average demand
- Multiple ultrasonic measurements per calculation for maximum stability
- Cell Network communication, Battery Voltage, Text Minimal Level Alert
- Automatic update daily, weekly, bi-weekly, or monthly

#### Applications:

Heating oil, water tanks, rainwater tanks, waste oil tanks and lubricant tanks...

\*(non-acidic/non-caustic/non-pressurized)

#### LC 201 provides the following values:

- Easy to use
- Reliable data with automatic demand calculations
- No maintenance



## Technical specification

Dimensions (w x d x h): 5.2 x 3.1 x 6.7 inch (132 x 80 x 170 mm)

Screw thread: 1.5 inch (6/4") and 2 inch

Weight (incl. batteries): approximately 23 ounce (660 g)

Housing: colour black, oil resistive

Protection: IP 20 as per EN 60529 with optional cover  
indoor usage only, in cellars, tank rooms etc.

Display: LC-display 2.3 inch x 1.57 inch (60 mm x 40 mm),  
2 lines with 5/6 digits, 0.47 and 0.55 inch (12 and 14 mm) high

Temperature range: 14°F ... 113°F (-10°C ... +45°C)

Power supply: 110 V power supply adapter with US plug

LC 201 is CE-marked and manufactured conform to ROHS requirements.

## Measurement method:

Principle: Ultra-sonic pulses, 40 kHz, pulse duration: 20 ms

Range: 7.8 inch ... 98 inch (20 cm ... 250 cm) (distance to the fluid surface)

Tolerance:  $\pm 0.39$  inch ( $\pm 1$  cm)

**Installation:** Screwing into the tank thread  
1.5 inch (6/4") and 2" inch thread diameter

## Standard mode:

Every 24 hours a measurement is taken and the tank content in gallons/liters and volume percentage is displayed permanently.

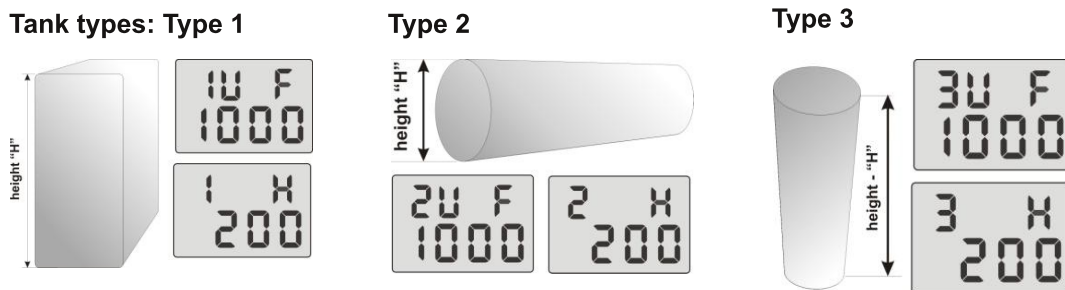
## Text message / Report & Analysis:

Text message reports can be sent to two different numbers.

## Manual measurement mode:

New readings at anytime by pressing the arrow button. Optionally a permanent measurement all 4 minutes or 10 secs. is possible.

The LC-201 allows a text message return inquiry.



## Package contents:

LC-201, Operating instructions, 110V power supply

Order Number: LC-201 US (US Gallons / Inches)

Order Number: LC-201 (Liters / cm)