

TankChek—

Local Display & Modbus Scanner

For almost 40 years, Electrolab has been the leader in developing electronic controls and sensors.



TankChek LCD210

TankChek LCD200

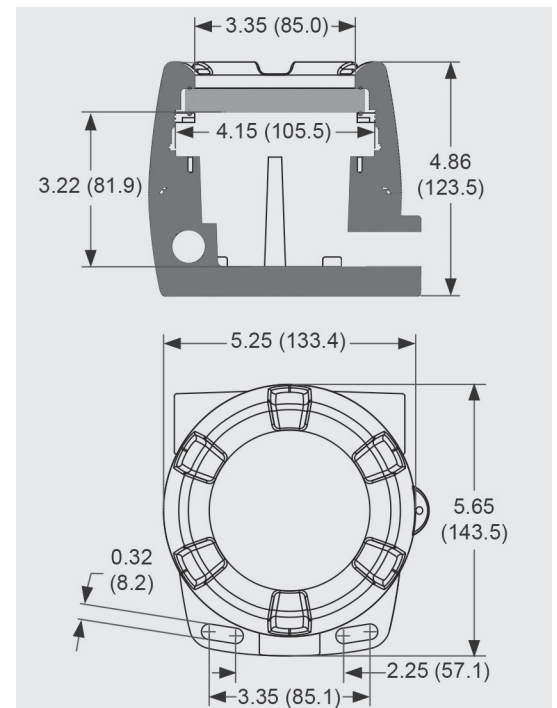


Electrolab's TankChek is a Local Display and Modbus Scanner which communicates with one or more Model 2100 Digital Level Sensors to provide tank level and temperature data in an easy-to-read format. When mounted at the base of a group of tanks, your field technicians can drive up and efficiently monitor the status of several tanks from one local display—keeping them safely off tanks and catwalks.

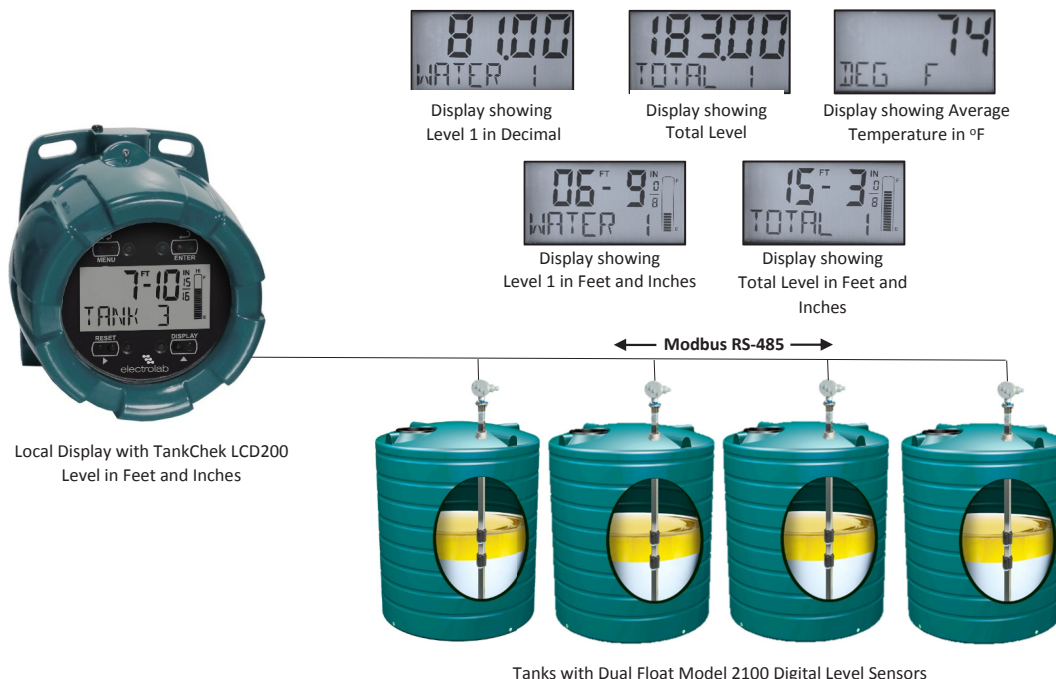
FEATURES

- Run as a Modbus Master or Snooper
- Pre-configured to work with Electrolab's Model 2100 Digital Level Sensor
- TankWizard software provides for easy setup to monitor up to 16 process variables
- Five-digit Decimal (TankChek LCD210) or Feet and Inches Level Display (TankChek LCD200)
- Seven character alphanumeric lower display for process variables, custom units or labels
- On-board 2-wire RS-485 with Modbus
- Explosion-Proof, IP68, NEMA 4X Enclosure
- Through-glass Button Programming
- Two Open Collector Outputs
- Backlight Standard on All Models
- Operates from -40 to 75° Celsius
- 90° Rotatable Display
- Explosion Proof Class I, Div. 1, Groups B,C & D hazardous locations

DIMENSIONS



TANKCHEK REMOTE DISPLAY AND MODBUS SCANNER



SPECIFICATIONS

- Decimal Display:** Five-digit top display; seven-digit bottom display
- Feet and Inches Display:** 0.60" (15.2 mm) top display; seven-character bottom display
- Symbols:** Total, grand total, high alarm, low alarm, safe button sleep mode/disable, password lock
- Tank Level indicator:** 20 segments, F (Full) and E (Empty)
- Backlight:** Active backlight from -20°C to 85°C, deactivated below -20°C
- Alarm Indication:** Flashing display plus HI/LO alarm or SET indicators
- Programming Methods:** TankChek Wizard, Four "Touch Sense" through-glass buttons (cover installed), or Four internal pushbuttons (cover removed).
- Password Menu Options:** Three programmable password selections
- Input Power:** 9-30 VDC, 38 mA max., 2.2 W
- Data Logging:** Up to 512 records including date and time

PRODUCT RATINGS AND APPROVALS

FM:

- Class I, Division 1, Groups B, C, D
- Class II & III, Division 1, Groups E, F, G; T6
- Class I, Zone 1, AEx d IIC T6 Gb
- Zone 21, AEx tb IIC T85°C
- Ta = -40°C to +75°C
- Enclosure: Type 4X & IP66

CSA:

- Class I, Division 1, Groups B, C, D
- Class II & III, Division 1, Groups E, F, G
- Ex d IIC T6
- Enclosure Type 4X, IP66/68:
- Ta = -40°C to +75°C

Visit www.electrolabcontrols.com for ordering information and additional details about mounting kits and accessories.

TANKCHEK WIZARD

Electrolab's TankChek Wizard software allows you to easily configure TankChek to monitor multiple Model 2100 Digital Level Sensors and up to 16 different process variables. The Wizard and Documentation are packaged on CD with the product and are also available for download from www.electrolabcontrols.com.

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The information in this document provides a general description of the product and available options. Please contact us for specific technical options for your application.

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