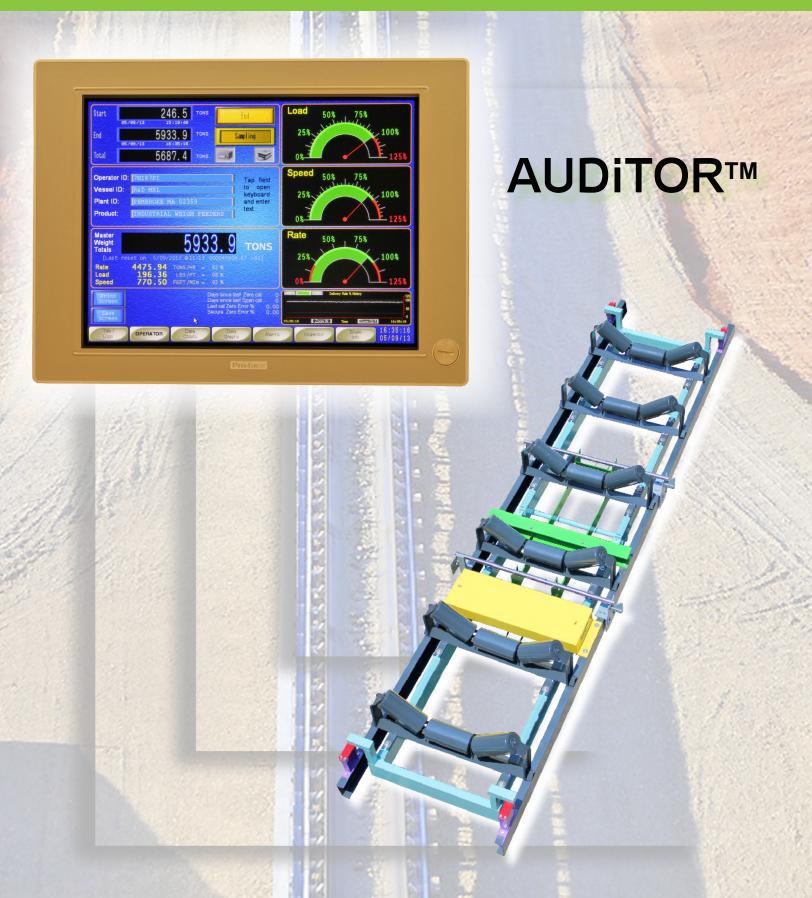


THATER THAYER SCALE CONTINUOUS WEIGHING & FEEDING OF BULK MATERIALS



NTEP CERTIFIED Conveyor Belt Scale Monitor and Software package.



AUDITOR™ NTEP CERTIFIED Conveyor Belt Scale Monitor and Software package.

THAYER AUDITOR™ is a PC based data collection and software package running on an industrial PC (IPC). It provides a link between a plant and the Series 5200 NTEP approved secure in integrator. It has been designed to meet the requirements if NTEP, AAR and HB-44 for rate trending and printing of delivies with date and time stamping.

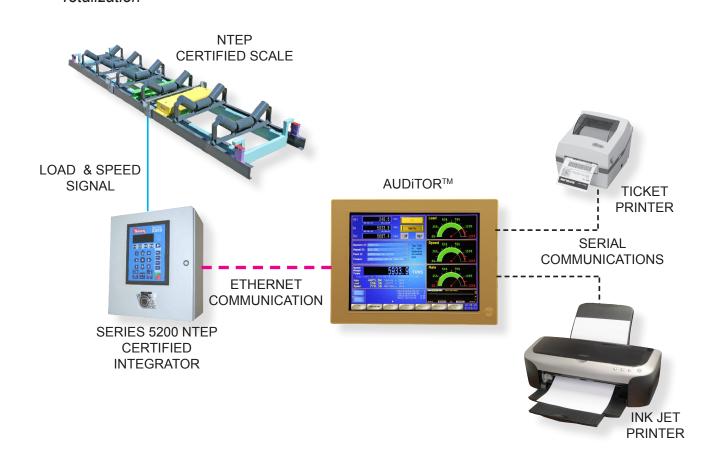
The AUDiTOR™ package provides users the ability to monitor scale performance at a glance and present statitory authority information necessary to certify a belt scale and installation. Information is presented on multiple viewing screens. Rate and delivery data is stored on CompactFlash® and can be recalled for viewing screens.

The IPC comes with a licenced operating system preinstalled. The operating system resides on the (provided) CompactFlash®. It is Microsoft Windows®- Windows® embedded Standard. It performs the standard computer functions found on all PC systems. It provides interface to external devices via USB, serial and Ethernet drivers.

Software Features:

- Real-Time data Display
- Convey Rate
- Rated Load
- Current Load
- Rated Speed,
- Current Speed
- Temperature
- Tach Reading
- Totalization

- Audit trails are maintained for all alarms and calibration adjustments.
- Historical Reporting
- Days since last Zero Calibration
- Days since last Span Calibration
- Last Calibration error %
- Secure Zero Error %
- Ticket Printing





INSPECTOR WINDOW



OPERATOR WINDOW



ALARMS WINDOW



DATA GRAPHS WINDOW





DATA CHARTS WINDOW

MAIN OPERATOR SCREEN 25540459.5 Current Delivery Loading 25540585. 1 25% Sampling data as % of Full Load 125.6 1 Tap field to open keyboard Current User Vessel ID: 25% Speed entered and enter data as % of Full Speed Master Weight Totals Current LBS Rate Live Scale as % of Data Design Rate Load Rate **50.18** FEET/MIN = 84% Graph of Rate During Zoom IN Time Zoom OUT Delivery Scale Info OPERATOR

DATA CHARTS SCREEN

Screen selection buttons

Current

Date/Time



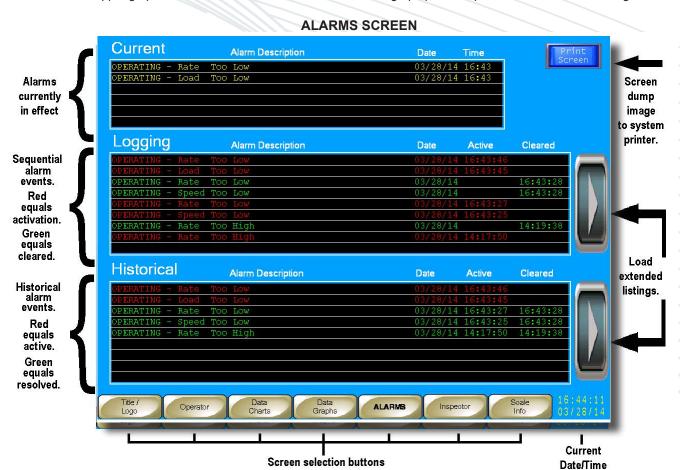
The Data Charts screen of the Auditor software displays two types of information in table format. The upper half of the screen shows data associated with the current, or most recent completed delivery. The bottom half gives the user the ability to recall past data that was automatically stored in CSV files.

DATA GRAPGHS SCREEN



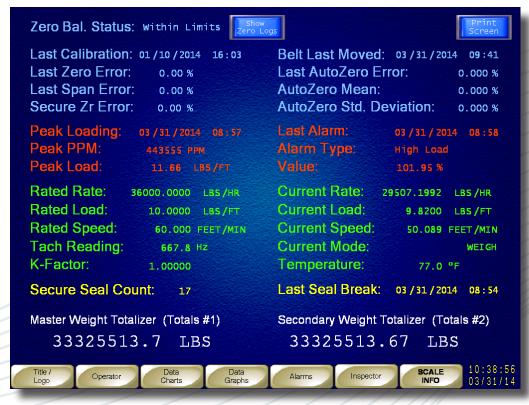
The Data Graph Screen of the AUDITOR software presents rate and load data in graphical format.

The upper graph shows curren scale information. The lower graph presents past data for recalled viewing.



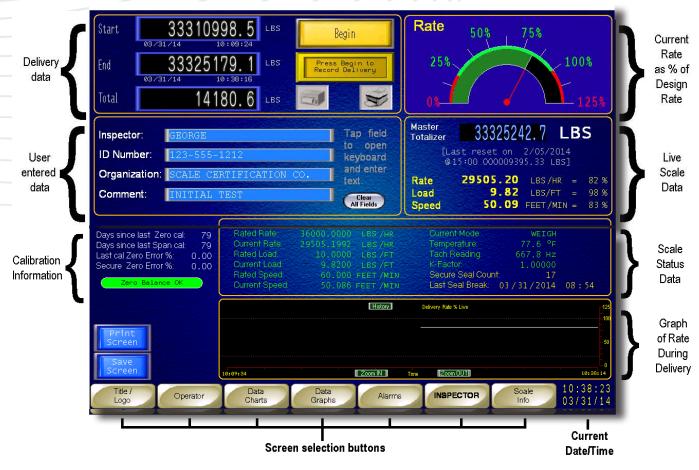
The Alarms screen of the AUDiTOR presents all current and past instrument alarms. Only the alarms programmed in the SEIES 5200 instrument are presented.

SCALE INFORMATION SCREEN



This screen provides the most information about the scale itself. It summarizes what the conditions are regarding the scale.

INSPECTOR SCREEN



The Inspector screen is similar to the operator screen as far ar the data that is presented. It has been provided to assist the regulatory agency by providing information most likely required by them in a single presentation.

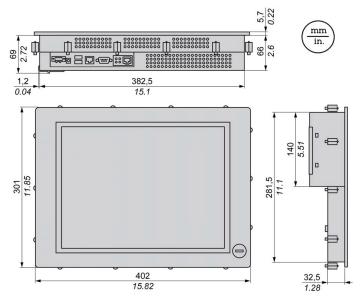
Basic Functional Specs.	
Display Size"	15"
Display Colors	16 Million
Backlight	LED, Life span > 50,000 h @ 25 °C [77 °F]
Brightness Control	Step less adjustment
Supported OS	CF: Windows® Embedded Standard 2009
CPU	Atom™ Z510 1.1 GHz
L2 Cache Memory	512 KB
Main Memory	1 GB to 2 GB max. (DDR2 400 MHz)
Chipset	Intel® System Controller Hub US15W
Graphics Accelerator	Intel® Graphics Media Accelerator 500
Video Memory	Up to 256 MB
Graphics	XGA TFT active matrix (1,024 x 768 pixels)
Touch Panel Type	Analog resistive film
Touch Panel Resolution	4,096 x 4,096
IDE	4 GB CF Card (Type-I) x1
Serial (COM1)	RS-232C (D-Sub 9-pin, plug)
Ethernet (LAN1)	10/100/1000 Mbit/s (RJ-45 Modular jack)
USB (TYPE-A)	USB 2.0 x3
International Safety Standards	Rated Input Voltage
Rated Input Voltage	24 Vdc ±25 %
Power Consumption	31 W
In-Rush Current	Typ. 3 A, max. 50 A < 300 μs
Surrounding Air Temperature	0 to 50 °C (32 to 122 °F)
Storage Temperature	-20 to 60 °C (-4 to 140 °F)
Ambient Humidity	10 to 85 % RH (Wet bulb temperature: 29 °C [84.2 °F] maxno condensation)
Storage Humidity	10 to 85 % RH (Wet bulb temperature: 29 °C [84.2 °F] maxno condensation)
Pollution Degree	For use in Pollution Degree 2 environment
Air Pressure (altitude range)	2,000 m [6,560 ft] max.
Vibration Resistance	Operation (continuous) 2 to 9 Hz: 1.75 mm [0.07 in.], 9 to 200Hz: 4.9 m/s2 Operation (occasional) 2 to 9 Hz: 3.5 mm [0.14 in.], 9 to 200 Hz: 9.8 m/s2 Merchant Navy (continuous): 3 to 13.2 Hz: 1 mm [0.04 in.], 13.2 to 100 Hz: 6.86 m/s2 Shock Resistance (in operation): 147 m/s2 for a duration of 11 ms (IEC 60068-2-27 Ea test)
Electromagnetic Compatibility (EMC)	Immunity to High Frequency Interference Electromagnetic Emissions Class A
Structure	Front: IEC60529 IP65, UL0E Type 4X
Cooling Method	Passive heat sink, Fanless operation
Weight Approx.	5.0 kg [11.0 lbs]
External Dimensions	W402 x H301 x D74.7 mm [W15.82 x H11.85 x D2.94 in.]
Panel Cut Dimensions	W383.5 x H282.5 mm [W15.10 x H11.12 in.]



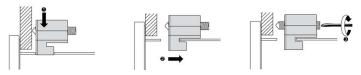




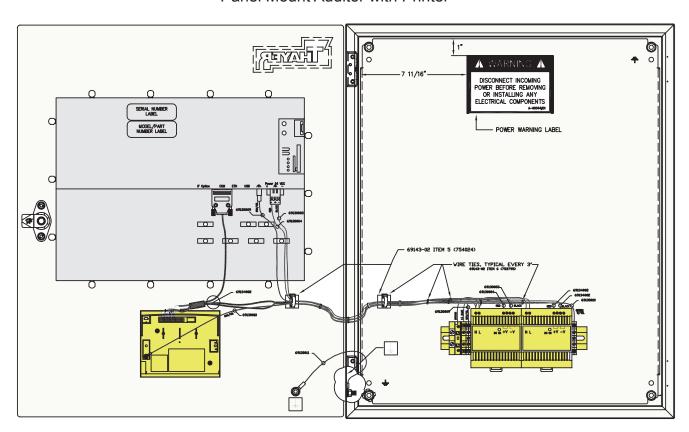
Chassis Mount Auditor Panel



There are 14 slots located around the IPC for mounting clips (provided). Insert each clip into the slot, slide toward rear of IPC, and tighten each fastener to $4.5\ lb-in\ (0.5\ N-m)$ to lock IPC to panel.



Panel Mount Auditor with Printer



24" H x 20" W x 8" D







THAYER SCALE-HYER INDUSTRIES, INC.