

Model 930 Serial Data Logger



- *Automatically log checkweigher or discrete package filling weight data to a thumb drive*
- *Simple to install & configure, low power, variety of enclosure options*
- *Log every weight, easy to upload to your PC for use in spreadsheet & other software solutions*
- *Front panel status indicators for easy verification data is being recorded*

Connect to your in-motion or bench-top checkweigh scale or to filling system controls with a RS-232 or RS-422 output port. The 930 data logger automatically records each weight value to the 2GB thumb drive included with the 930.

Data format is easy to import into spreadsheet or other software solutions on your PC, giving you a history of all production weights for audit and internal analysis.

When used with the Thompson 4693 series of controllers get the added benefit of automatic separation of data files for each run on your scale.

Use with Thompson Scale's Model 5511 or 6611 Universal Scale Controller and get the added benefit of saving all recipe and configuration information to your thumb drive, and the ability to load recipe and configuration from the thumb drive back into the 5511 or 6611 controller. Additionally get the benefit of automatic separation of data files for each run on your scale.



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Thompson Scale Company

WEIGHING SYSTEMS & PACKAGING MACHINERY CONTROLS

Stand-alone mode

The 930 Data Logger connects to any type of scale device sending out individual single data transmissions for each weight value, at rates up to 400 weights per minute. Data is stored as Comma Separated Values (CSV), making it easy to import files into your software solution, including spreadsheet and database programs. If the scale devices sends a time/date stamp that will be recorded as well.

4693 Controller mode

Thompson Scale's Model 4693 Checkweigher and Filler controls have become an industry standard. Data output by RS-232 or RS-422 is easily added to this controller, and the added benefit of automatic file separation for each production run is provided with the 930 Data Logger. Our latest checkweigher, net weigh, gross fill and bulk fill programs transmit a specific command set that triggers the 930 to close the current data file and open a new data file with all the weight and limit parameters for the newest recipe loaded on the 4693.

5511 & 6611 Controller mode

Thompson Scale's Model 5511 & 6611 Universal Scale Controllers also transmit specific commands to create separate production run files, and offer the added feature to allow up load and down load of all configuration and recipe files from within this series of controllers. Once the 5511 or 6611 is configured and adjusted for your specific application, save the files to the thumb drive as an insurance policy in case a parameter is accidentally changed or the CPU board has to be replaced. Simply upload the configuration file and the controller is back to its desired state.

Specifications

- Power Connection:
 - 5511 & 6611 uses 5VDC provided internally from serial ports
 - All others 5VDC, provided with 120VAC to 5VDC wall transformer
- Baud Rates – 1200 to 115200 bps
- Up to 400 unit weights per minute
- 8 data bits
- 1 stop bit
- No parity
- RS-232 or RS-422 connection (mono or bi-directional)
- Front panel status indicators; power, data flow, CPU status
- Data storage on 2GB USB 2.0 drive (1 provided with device)
- Enclosures:
 - 930-1 = non-metallic Type 1 enclosure; 6" x 4-1/2" x 1-1/2"
 - 930-2 = 304SS Type 4X enclosure; 8" x 8" x 4"
 - 930-3 = Circuit board only for OEM/Integration
- Serial Connection via screw terminal block within 930 enclosure
- USB Output via open USB port on 930-1, or Type 4 protected USB on 930-2

Your Integrator:



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