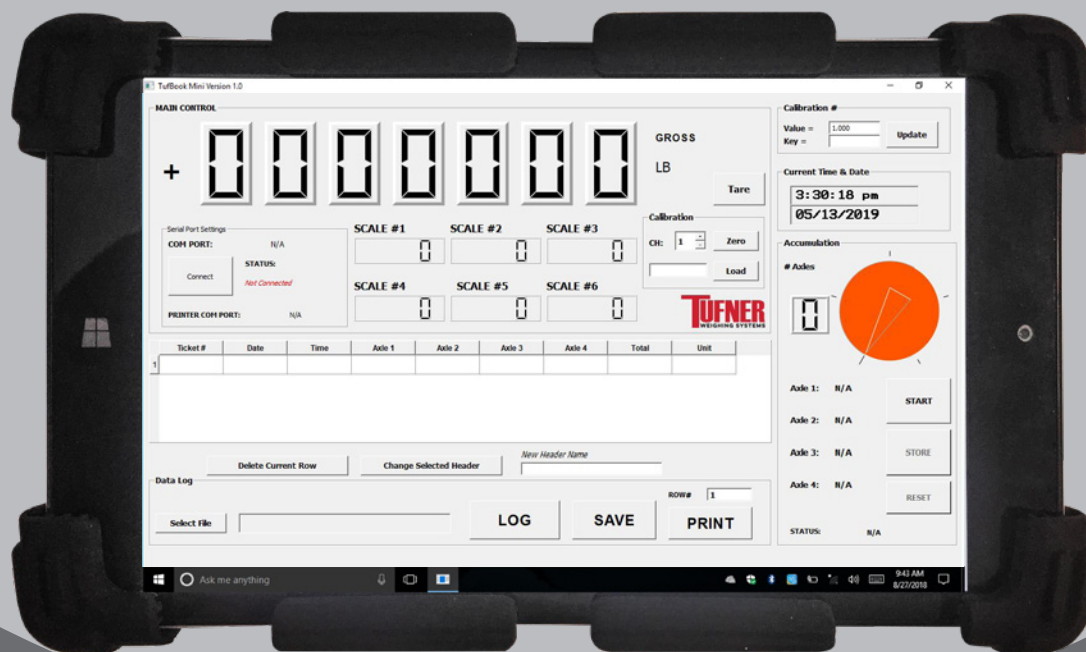


TUFBOOK MINI

INSTRUCTION GUIDE



CONNECTING THE SCALE TO THE TABLET

1. Start the TufBook Mini software from the Shortcut or Taskbar on the tablet
2. Connect the receiver by plugging it into the tablet through the USB port
3. Turn on the transmitter module(s) from OFF to ON after connecting them to their respective scale(s)
4. Press the connect button in the Serial Port Settings

Note: The status will go from *Not Connected* to *Connected* and the COM port will change from N/A to a number (e.g. COM4)

LOGGING AND SAVING DATA

1. To save to a file, you must first load the file by pressing the Select File button in the Data Log panel

Note: Any unsaved data may be lost, so it is important to choose a file before logging data
2. Choose an existing file or create a new .txt file, in the Choose a file dialog box
3. Press the Log button to log your data
4. Press the Save button to save all present data to the file you chose

Note: Saving will overwrite any existing data in the file

AXLE ACCUMULATION

1. Choose the number of axles using the dial
2. Press the Start button once and the Store button each time to record every axle

Note: Press the reset button to reset to the default
3. Press Yes on the dialog box to log the data

CALIBRATION PROCEDURE

NORMAL PROCEDURE

1. With an empty scale, press the Zero button for zero calibration
2. Enter the known weight of the object being used for calibration
3. After placing weight on the physical scale, press the Load button for span calibration
Note: When calibrating different scales, change the Channel number to its respective numbered scale.

WHEN THE PROCEDURE FAILS

Explanation: After calibration, the raw data in the calibration file is overwritten with calibration data. Therefore, calibration will only work the first time. Any calibrations afterwards will fail. To re-calibrate, you will need to enter the setup folder and change the values in the cal.txt files to the values 1,0.

1. You will need open the Setup/Calibration Folder (found on the Desktop)
2. Open up cal1.txt and change the values to 1,0
Note: The values 1,0 will allow our software to access the raw data from the load cells.
3. Repeat Step 2 with the other cal.txt files (cal2.txt, cal3.txt, ...)
4. Restart Software