

Lebow[®] Products Inc.

QUICKSTART MANUAL MODEL 7554



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QUICKSTART FOR 7554

(Used with 1254E sensors only)

1. Make sure all plug-ins are secure, power cord, data cable, RS 232 cable.
2. Power unit on and give the system a 10-15 minute warm-up period. The 7554 will pick-up the internal **Auto ID** from the 1254 sensor, which has been pre-programmed with the output, capacity and scaling.
3. If any changes need to be made, you can manually do so from the front panel of the 7554, or the changes can be implemented using the **GUI V1.1** software. The software is shipped with the 7554. (The more common changes are forcing the display to read in FT.LBS. instead of IN.LBS. or scaling the unit to a smaller capacity).
4. You can install the software from the disk to almost any P.C. Once the software has been successfully installed, you can open the program and begin to configure the sensor to your needs.
5. Choose the **Settings** menu to view the parameters. You will notice under **Transducer Settings**, the values have already been placed from the Auto I.D.
6. You will find three parameters under **General Settings**:
 - 1) **Function**= Here you can select the monitoring process:
 - **Track**= provides continuous monitoring
 - **Peak**= monitors the selected +/- Peaks under the user defined threshold
 - **A-Record (Auto), M-Record (Manual)**= provides recording of digitized incoming signals.

- 2) **Record Rate**= allows the user to control the speed when capturing data, captures data in seconds with the capability of 8,000 peak readings
- 3) **Echo setting**= transmission speed interconnect line for port

7. Analog Settings:

- **Unit type**= allows the user to choose the type of load
- **Unit**= allows the user to choose the unit conversion
- **Zero mode**= allows the user to choose between two modes. Absolute allows readings to be taken with respect to the value. Relative mode allows readings to be taken with an allowable tare value.
- **Scale**= multiplies readings by the set value. With a scale factor of one, this displays the readings exactly.
- **Threshold**= allows the user to set the breaking point
- **Low limit**= allows the user to set the low cutoff point
- **Target**= allows the user to set the cutoff point while the event is in progress
- **High limit**= allows the user to set the high cutoff point

8. Encoder settings:

- **Mode**= allows the user to define the encoder
- **Low limit**= allows the user to set the low cutoff point

- **Target**= allows the user to set the cutoff point while the event is in progress
 - **High limit**= allows the user to set the high cutoff point
9. If any changes are made, the user will need to send the settings to the PMAC by depressing the **Current** bar, which will save all information to the 7554.
 10. The user can also save all settings to a file which can defaulted again if needed.
 11. The user can also **view** or **print** the data and recorded readings.
 12. To view or print, enter the **Readings** parameter.
 13. The user can choose to view or print either the peak readings or recorded readings, depending what was chosen under the Function parameter.
 14. The user can choose to view or graph the data readings.
 15. The user cannot view or graph the readings while in this parameter. You must be in the record mode to store and save the data points.
 16. For any other configurations or set-up issues, please refer to the manual.