



TPI 555 / 565 / 575 / 595 RS232 COMMUNICATION

The TPI 500 series air flow and humidity meters have the capability to communicate to a computer through the A500 RS232 cable using Microsoft *i* Hyper Terminal or other serial communication program.

When the communication mode is activated on the 555, 565, 575, and 595 they begin to stream data. The update rate is approximately 5 seconds. This means every 5 seconds data will be sent through the RS-232 port. Data is sent in ASCII so most communication programs can be used to view the data.

Communication Procedure

1. Connect the A500 RS232 cable to the TPI 500 series meter and computer.
2. Turn the TPI 500 series meter on and press the **REC** key.
3. Press the RCL key repeatedly until RS-232 is seen in the upper part of the display.
4. Open Microsoft *i* Hyper Terminal (or other serial program) and set the COM port as shown below.
 - a. Baud Rate: 9600
 - b. Data Bits: 8
 - c. Parity: None
 - d. Stop Bits: 1
 - e. Flow Control: None
5. The TPI 500 series meter will stream data in ASCII format with an update rate of approximately 5 seconds.