



## Test Products International, Inc.

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### TECH TIP

#### 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 ® 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 ® 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.

Steps:

1) All programs → Accessories → Communication → Hyper Terminal  
→ Name: Beh → ok → Connect Using: COM1 → ok → (To follow instructions are)  
→ ok