

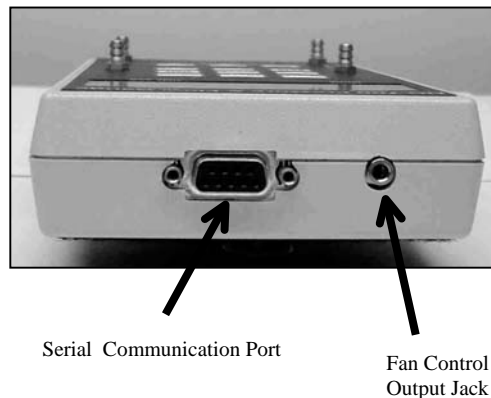
Automated Blower Door Testing Using a DG-700

In order to perform automated Blower Door tests using a DG-700, you will need the following components:

1. A DG-700 fan control cable to connect the DG-700 to the communication jack on the side of the Blower Door fan speed controller. **Note:** If your Blower Door speed controller does not have a communication jack on the side of the controller box, you will need to either purchase a new speed controller, or have a communication jack installed on your existing controller. Contact The Energy Conservatory to determine if your existing controller can be modified, or if you will need to purchase a new controller.
2. A 9-pin serial cable to connect the DG-700 to your laptop computer. **Note:** If your computer does not have a serial port, but does have a USB port, you will also need to purchase an after-market USB to Serial Port adapter (contact TEC for adapter recommendations).
3. TECTITE 3.0 (or higher) software CD.

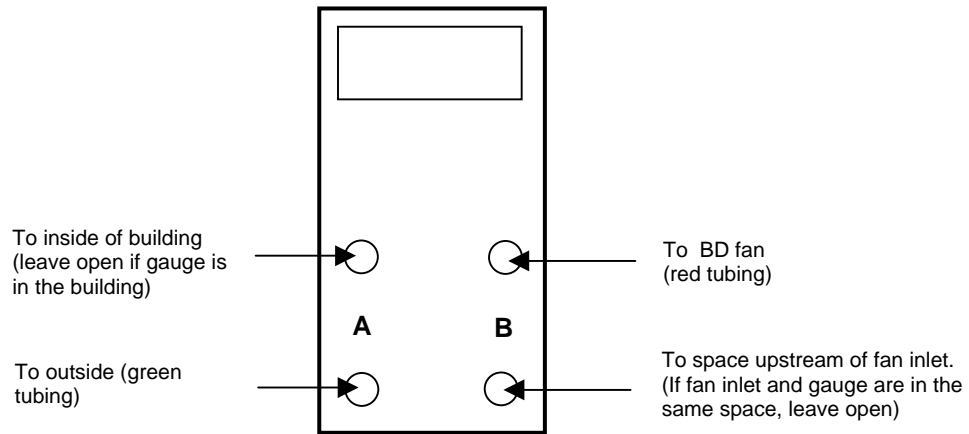
Connection Instructions.

1. Install the TECTITE software onto your computer. Once the software is installed, run the TECTITE program and access the TECTITE Operation Manual directly from the program's Help Menu. Refer to this manual on how to operate the TECTITE software.
2. Install the Blower Door system as described in the Blower Door operation manual.
3. Connect the DG-700 to your computer using the 9-pin serial cable. The male end of the cable should be plugged into the serial communication port on the top of the gauge, and the female end of the cable should be plugged into an open serial communication port on your computer.

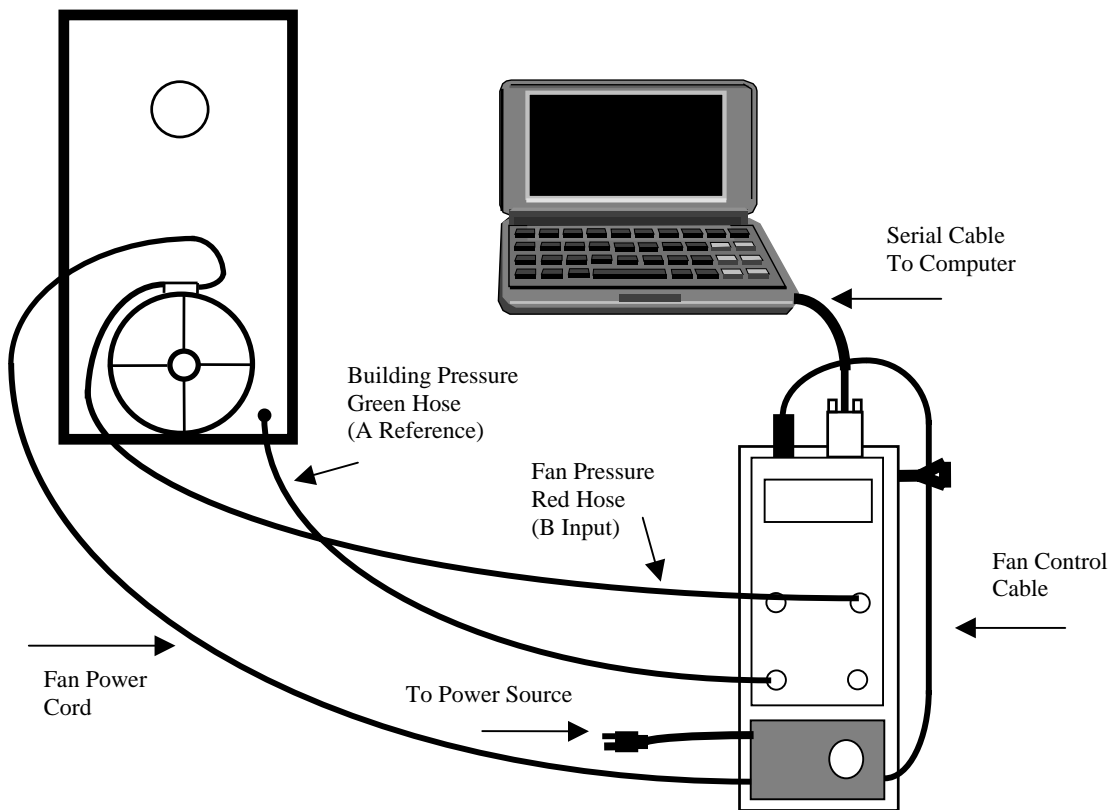


4. Connect the DG-700 to the Blower Door fan speed controller using the fan control cable. Plug one end of the cable into the 3.5 mm fan control output jack on the top of the DG-700, and plug the other end of the cable into the communication jack on the side of the fan speed controller box.

- Connect tubing between the DG-700 and the Blower Door system (tubing connections are detailed in the Blower Door operation manual).



- Turn on the DG-700. Now turn on the Blower Door fan speed controller in the “just on” position (the fan should not be turning in this position).



- Refer to the TECTITE and Blower Door manuals for instructions on how to conduct the Blower Door test.