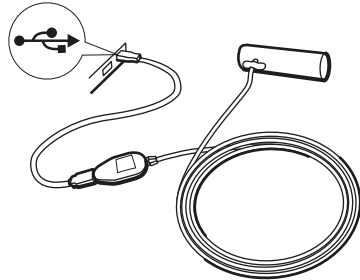


INSTALLING THE SPIROMETER ON A CARDIOPERFECT WORKSTATION

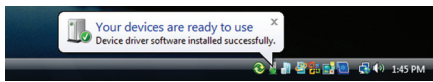
For software version 1.6.4 or later

Before you start, install the CardioPerfect Workstation software.
 See separate installation guide.

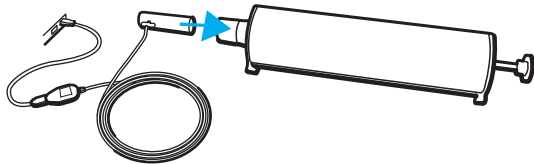
1 Assemble the spirometer, and plug it into any USB port.



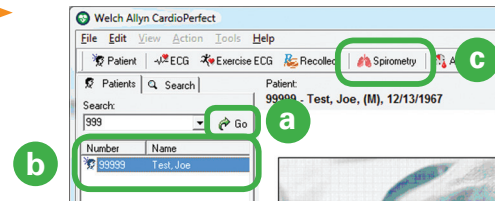
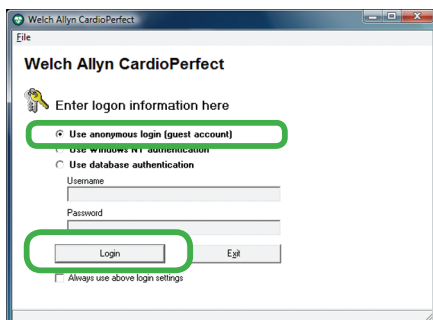
Caution: With the spirometer, always use the USB extension cable, as shown. This cable helps to prevent damage to the spirometer.



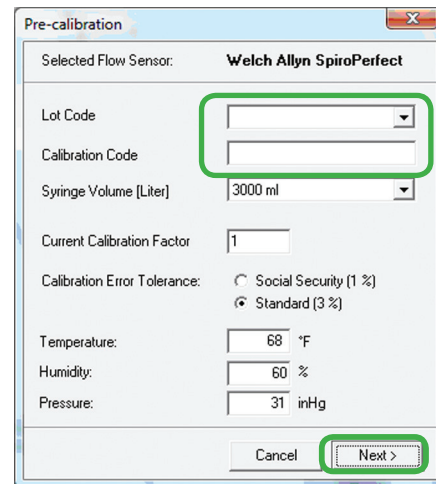
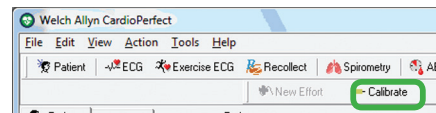
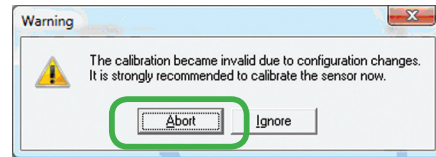
2 Verify the installation of the spirometer.



If your spirometer is not already plugged into the desired USB port, plug it in now. Attach the calibration syringe as illustrated.



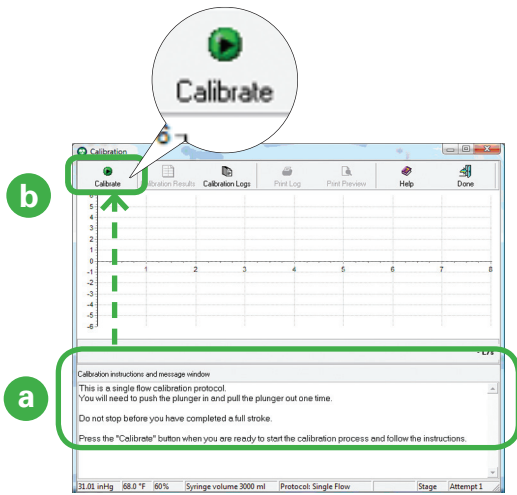
- (a) Click **Go**.
- (b) Select your test patient.
- (c) Click **Spirometry**.



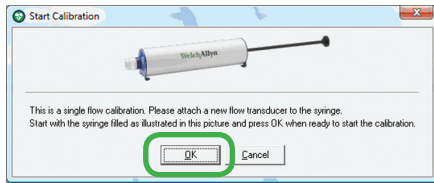
The lot code and calibration code appear on the flow transducer box:



(next page)

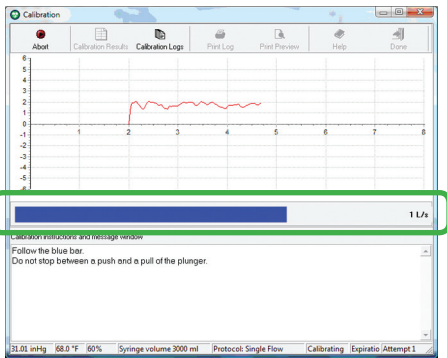


- (a) Read the instructions on this screen.
- (b) Click **Calibrate**.

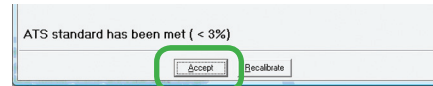
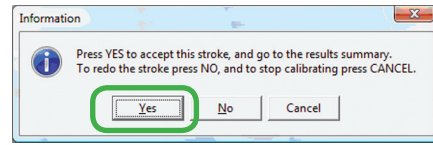


Follow the instructions on this screen.

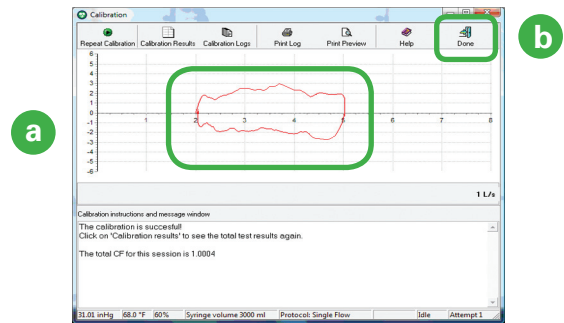
..3.. ..2.. ..1..



Push and then pull the plunger in sync with the side-to-side motion of the blue bar. Move steadily, all the way in and then all the way out, without hesitating between push and pull.



Don't worry if your screen says ATS standard has NOT been met. You don't need to meet the standard for this verification.



- (a) Verify that you see a flow loop. Each flow loop looks slightly different.
- (b) Click **Done**. You have verified that your spirometer is communicating with the Workstation.

Before performing spirometry tests, be sure to perform a successful calibration.