

## Updating the testo 350 software (Firmware)

To update the Testo 350 with the latest firmware improvement, follow the steps outlined below.

**Download the firmware updates.** Go to Testo 350.com <http://www.testo350.com/literature.html> and download the files. The files download in a zipped format. Please unzip files and save to your computer.

### **Control Unit files**

bootrel\_v1.07.bin  
appcure\_v1.04.bin

### **Measuring Box Files**

bootrel\_full\_v1.07.bin  
apboxdbg\_v1.04.bin

**Note** - Have large paperclip, push pin, or other small pointed object available (for measuring box procedure).

**Note** - many ball point pens are too large to fit in access hole.

### **Control Unit – Preparation**

1. Pick up the control unit and Hold and keep the up-arrow [▲] press.
2. While keeping [▲] push-down, turn on the control unit by pressing the power button.  
The control unit will show the “**Firmware update**” message along the bottom of display.
3. Release the [▲] up arrow. The Control unit is now in the update mode.

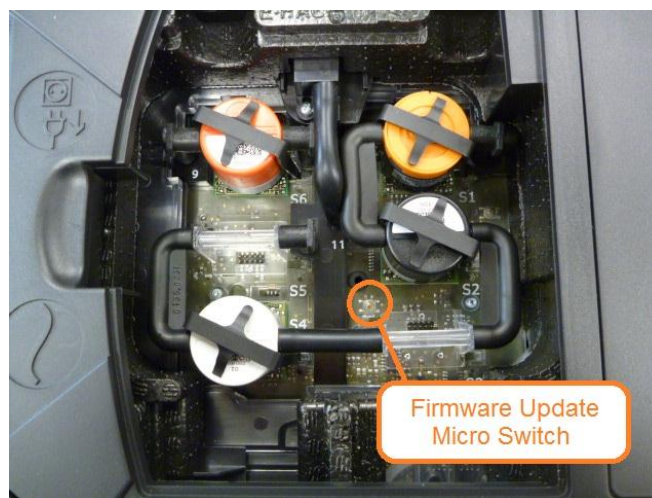
### **Control Unit – Firmware Transfer Procedure**

1. Plug in the USB cable into control unit and it to the computer.  
The computer will recognize the control unit as removable storage device. (i.e. thumb drive/USB stick.)
2. Drag (or copy) the boot file (bootrel\_v1.07) from the computer location to the removable storage device (control Unit).  
The file will self-install quickly and the computer screen removable storage dialog box will be blank.
3. Drag (or copy) the new firmware file (appcure\_v1.04) from the computer location to the removable storage device (Control Unit). In the display, the status bar will progress from left to right. Please note this process may take a few minutes.

**NOTE:** After the firmware update has been completed, the control unit will automatically reboot.

### **Measuring Box – Preparation**

1. Unplug the AC power cord from bottom of measuring box (make sure the control unit is also separated).  
No lights should be flashing.
2. Turn the measuring box over and remove the sensor compartment cover (locking clip).
3. Use the paperclip to push down and hold the Micro Switch shown in the picture.



4. Plug in the power cable while keeping the Micro Switch pressed.
5. When the status lights on the front of the analyzer start flashing green and red release the Micro.

## Measuring Box – Firmware Transfer Procedure

1. Plug in the USB cable into measuring box and it to the computer.  
The computer will recognize the measuring box as removable storage device. (i.e. thumb drive/USB stick.)
2. Drag (or copy) the boot file (bootrel\_full\_1.07) from the computer to measuring box.  
The file will self-install. When complete the green lights will continue to flash green and red.
3. Drag (or copy) the new firmware file (appboxdbgv1.04) to the measuring box.  
The lights will quickly flash green and red. Please note this process may take a few minutes.
4. After the instrument software (firmware) update has been completed, the analyzer box will automatically reboot and the status display light will now be flashing green. Remove the USB cable. The procedure is completed.

## Troubleshooting

### Lockups

If you experience a lock up during the process you can reset the Control Unit and analyzer box by using the paperclip or pointed object. To reset the analyzer box, use the paperclip and push into the small hole (firmware button) shown in the photo above.

For the control unit insert the paper clip in the hole shown here.



### Firmware downloading troubleshooting

When you transfer the firmware into the device, and get the warning below, the files may not update your analyzer. It may be because the files are not unzipped. Typically if the file extension has a "exe" it will need to be unzipped. If the files still do not upload into the analyzer, you may need to delete them and download again.

