

March 16, 2006

Product: Ishida SR-2000a Color Touch Screen Price Computing Scale

Issue: Updating Scale Firmware

Contents: Procedure for Transferring Files to the CF Memory Card



Authorized distributors and their employees can view or download this document from the Rice Lake Weighing Systems distributor site at [www.ricelakeretail.com](http://www.ricelakeretail.com).

### Background

The SR-2000a uses a Compact Flash (CF) memory card to store both the firmware and images. All dealers doing any work with the SR's are going to need at least a CF card adapter. The adapter accepts the CF card and is then inserted into a PCMCIA slot on a notebook computer. The computer sees the device as another storage drive on the PC allowing the transfer of files. Rice Lake has assigned the following part numbers for these options:

Part Number 91870      CF card 16MB from Ishida  
Part Number 91871      PCMCIA CF card type II adapter

### Procedure

1. Place the SR2000a on flat surface or worktable.
2. With the scale powered OFF remove the left side white access panel.
3. Remove the large inner bronze cover by removing two Phillips screws.
4. Remove the 16MB CF Memory Card (PN 91870) from the lower slot.  
(Push the eject button to the left of the CF Card). [See Figure 1.](#)
5. Insert the CF Card into the Flash Card Adapter (PN 91871). [See Figure 2.](#)
6. Insert the Flash Card Adapter with the CF Card into the PCMCIA Slot of the computer.
7. Copy the latest Firmware onto the CF Card.  
(Extract / Unzip the firmware files directly onto the CF Card if zipped)  
**Note:** if prompted, select "Yes to All" to overwrite existing files.
8. Remove the Flash Card Adapter and the CF Card from the computer.
9. Separate the CF Card from the Flash Card Adapter and reinstall the CF Card into SR2000a Scale.  
**Note:** the CF Card is inserted upside down in the slot below the CPU circuit board. [See Figure 1.](#)
10. Power the SR-2000a ON.
11. Press the **Menu** button.
12. Enter the **Test Menu: 495344 > Test Mode** button.
13. Select **Program No.**
14. Confirm the **Main Firmware Version** is updated.
15. Reinstall the bronze and white covers.

### Notes

- When inserting the PCMCIA adaptor card into a laptop or PC, Windows® usually assigns the drive letter E to the card. If another device is already using that letter then the CF Card may not be assessable. In this case, use another computer or contact your computer support department to resolve this conflict.

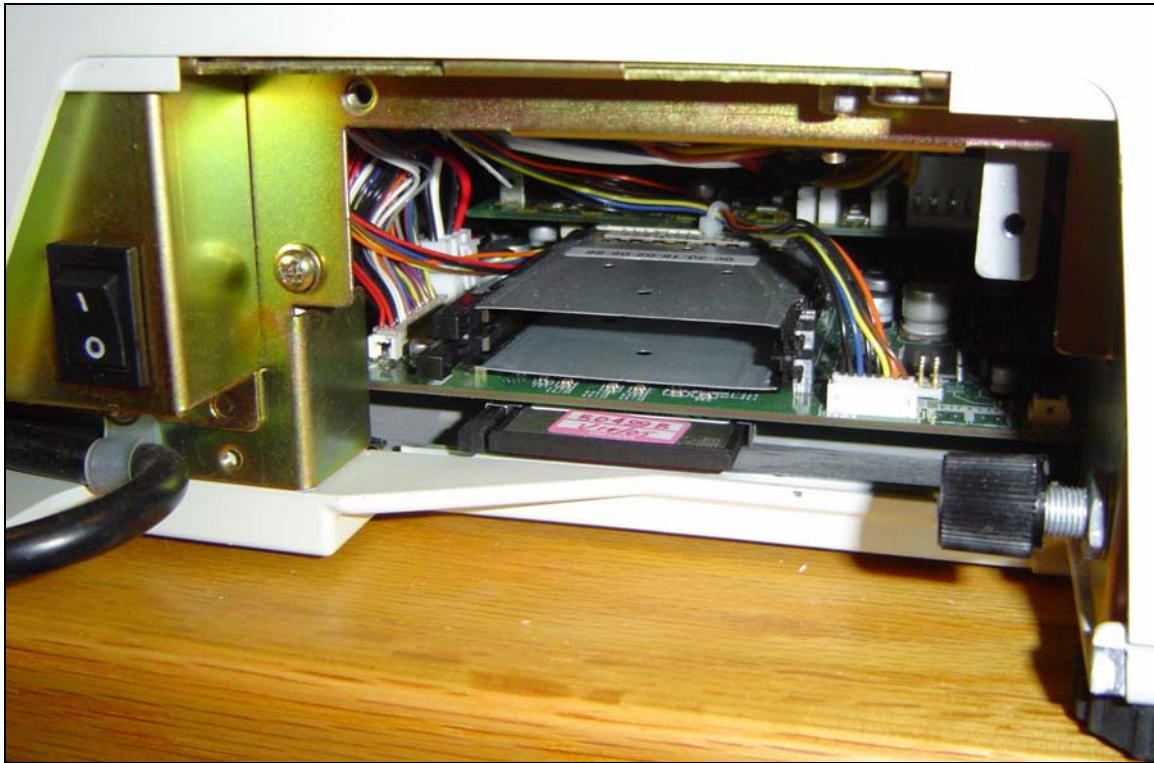


Figure 1. Scale Firmware CF Memory Card Location



Figure 2. PCMCIA Card Adapter and Compact Flash (CF) Memory Card