

# Manual Supplement

Manual Title:	724/725 Calibration	Supplement Issue:	<b>3</b>
Part Number:	667581	Issue Date:	2/01
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This supplement contains information necessary to ensure the accuracy of the above manual. Enter the corrections in the manual if either one of the following conditions exist:

1. The revision letter stamped on the indicated PCA is equal to or higher than that given with each change.
2. No revision letter is indicated at the beginning of the change.

## Change #1

On page 4, under **Ohms Measurement**, replace the first column with the following and add the footnote at the bottom of the table:

0 $\Omega$ to 400 $\Omega$ **
400 $\Omega$ to 1.5 k $\Omega$
1.5 k $\Omega$ to 3.2 k $\Omega$

\*\* For Firmware V1.7 or lower, the lowest range is 15  $\Omega$  to 400  $\Omega$ .

On page 5, in the **Frequency Measurement** and **Frequency Source** tables, under **Range**,

Change: 1 to 1100 Hz  
To: 1 to 1000 Hz

On page 6, **Type N**, add \* to the **Range** column and add the following to the bottom of the table:

\* For Firmware V1.7 or lower, the type N TC has 400°C as the upper limit.

On page 7, under **Temperature, RTD Ranges, and Accuracies**, add the following to the end of the RTD Source specification:

SN < 7624001 may need modification for pulses less than 15 ms.

On page 32, under **Setup**, add the following to the end of Step 2:

Remove the jumper beside the ten-pin connector when using the 724/725 Calibration Cable on a 725. Replace the jumper after calibration is complete.

On page 33, under **Initiating Communication**, add the following after the first sentence:

"Enter Password:" will be shown on the display of all calibrators that have firmware version V1.91 or higher. A password has been added to prevent users from accidentally changing the calibration of the calibrator. The password for all 724 Calibrators is 427. The password for all 725 Calibrators is 527.

## Change #2

On page 9, delete the **Self-Resetting Fuses** paragraph.

On page 10, replace Figure 1 and add the following text:

### Replacing the Fuses

The calibrator comes equipped with three 0.05A 250V socketed fuses to protect the calibrator.

#### **⚠ Warning**

**To avoid electrical shock, remove the tests leads from the calibrator before opening the battery door. Close and latch the battery door before using the calibrator.**

The fuses can be removed and checked for resistance. A value of < 10  $\Omega$  is still good. Problems while measuring with the right jacks indicate that F3 may have opened. Problems while measuring

or sourcing with the center jacks or the TC jacks indicate that F2 may have opened. If you can't measure or source current with the left jacks, F4 may have opened. To replace the fuses, refer to Figure 22 and perform the following steps:

1. Turn the calibrator off, remove the test leads from the terminals, and hold the calibrator face down.
2. Using a flat-blade screwdriver, turn the battery door screws 1/4-turn counterclockwise and remove the battery door.
3. Remove and replace the damaged fuse.
4. Replace the battery door and secure it by turning the screws 1/4-turn clockwise.

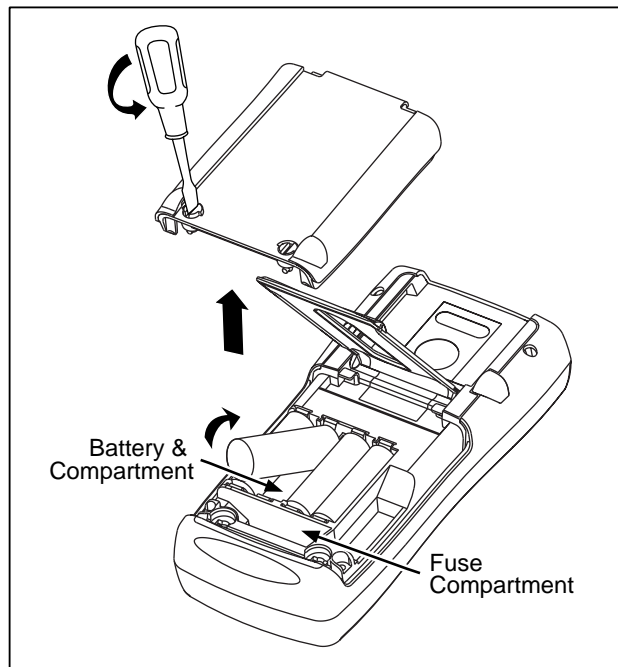


Figure 1.

sh38\_1.eps

On page 48, add the following to Table 20:

23	Fuse 0.05A/250V (5 Pack)	1593766	1
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On page 48, Figure 24, add the view of the fuses as shown in Figure A.

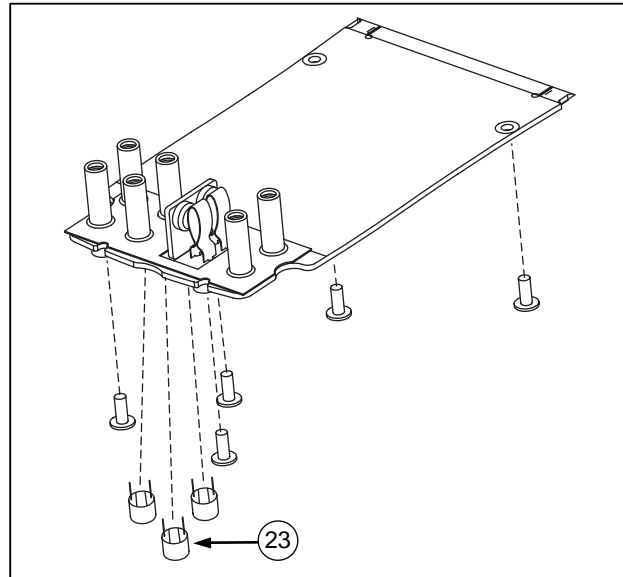


Figure A.

figure\_a.eps