

81-FP31 Cal Tab Instructions

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Calibration Tab Storage and Handling

RKI Instruments, Inc. recommends that the 81-FP31 calibration tabs be replaced every 8 months. Using the calibration tabs past their expiration date could adversely affect calibration. Store the calibration tabs at room temperature (10 - 30°C) and away from light.

Handle the span tabs carefully by the black edges. Do not touch the white surface of the tab. Touching the white surface may contaminate it, adversely affecting calibration.

Calibration Frequency

RKI Instruments, Inc. recommends that the FP-31 be calibrated every 6 months.

Calibration Procedure

1. With the instrument turned off, enter Maintenance Mode by pressing and holding the ▲ and ▼ buttons and then pressing the ON/OFF button.
2. Use the ▲ and ▼ buttons to navigate to the SHEET CAL menu item and press the ON/OFF button to enter.
3. Open the calibration tab box. There is a “Ref.” value on each tab.

Enter the “Ref.” value for the zero tab using the ▲ and ▼ buttons. Press the ON/OFF button to save the value. Be sure to use the correct tab when you are entering the “Ref.” number. The zero tab’s “No.” field should start with “Z” (ie. Z002). The span tab’s “No.” field starts with “S” (ie. S002).

INPUT	B▼
Z E R O	T A B
6 8 . 9 0	

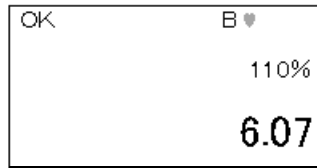
4. Enter the “Ref.” value for the span tab using the ▲ and ▼ buttons. Press the ON/OFF button to save the value.

Be sure to use the correct tab when you are entering the “Ref.” number. The span tab’s “No.” field starts with “S” (ie. S002). The zero tab’s “No.” field starts with “Z” (ie. Z002).

INPUT	B▼
S P A N	T A B
6 4 . 3 0	

5. The display will say “ZERO TAB SET”.

6. Lift the FP-31's tab holder cover, insert the zero tab white side down into the tab holder, and close the cover.
7. A value will appear on the screen. You do not need to wait for the value to stabilize.
8. Press the ON/OFF button.
9. The screen will say "SPAN TAB".
10. Lift the FP-31's tab holder cover, remove the zero tab from the tab holder, insert the span tab white side down, and close the cover.
11. Press the ON/OFF button.
12. Repeat step 6 - step 11 four more times.
13. The screen will indicate "OK" or "NG" in the top left corner.



14. Press ON/OFF to accept the result and return to the SHEET CAL menu item.
15. Use the ▲ and ▼ buttons to navigate to the START menu item and press the ON/OFF button to enter normal operation.