

Instruction Sheet

Model 732B-100I and 732B-000I

DC Standards with International Battery Pack

CAUTION

TO AVOID LOSS OF CALIBRATION, DO NOT INTERRUPT OPERATING POWER. THESE STANDARDS ARE SHIPPED UNDER POWER WITH A SPECIAL SHIPPING BATTERY. FOLLOW THE INSTRUCTIONS IN THIS INSTRUCTION SHEET TO AVOID LOSS OF POWER AND CALIBRATION.

INTRODUCTION

This Instruction Sheet provides instructions for receiving, unpacking, and installing the following 732B DC Voltage Standard models:

- Model 732B-100I, Characterized with 90 days of data
- Model 732B-000I, Calibrated with certificate

Once you have completed the procedure in this instruction sheet, refer to the *732B/734A Instruction Manual* for complete operating and maintenance instructions.

SHIPPING BATTERY NOTICE

Both models are shipped under power to maintain the state of calibration. They are shipped in a transit case powered by non-spillable batteries (UN2800 class 8). The batteries are securely packaged, protected against short circuits, and have passed tests required of non-spillable batteries. The following list of instructions for transport of non-spillable batteries exempt non-spillable batteries from dangerous goods documentation, marking, and labeling.

- 49 CFR 173.260d
- ICAO instruction 800, class 8
- IATA instruction, class 8

UNPACKING AND INSTALLATION INSTRUCTIONS

Proceed as follows to unpack the standard and connect it to line power.

1. Verify that the 732B IN CAL indicator is lit (batteries have not totally discharged). LOW BAT may be flashing if the battery is nearly exhausted.

NOTE

If IN CAL is extinguished, loss of power has occurred and calibration is no longer valid. Contact Fluke for information about how to obtain new calibration data for the standard.

2. Verify that the line voltage selector on the 732B rear panel is set as required for the local ac line (mains) voltage. If you need to change the line voltage setting, refer to Section 2 of the *732B/734A Instruction Manual*.
3. Connect the 732B line power cord to a properly grounded outlet as soon as possible to begin operating the standard permanently on line power. This also recharges the battery.
4. Verify that the front panel AC PWR indicator is lit.
5. Verify that the rear panel BAT switch is set to 1 (ON). This switch position enables internal battery charging and operation. The internal battery, when fully charged, protects the standard from loss of operating power during ac line voltage interruptions of up to 70 hours.
6. Unplug the shipping battery pack from the rear panel connector labeled J502 on the 732B rear panel.
7. Dispose of the shipping battery pack in accordance with local environmental regulations.