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BCXY CS-FBP740SL

BCXY Replacement Battery User Manual

Model: CS-FBP740SL for Fluke DTX-1200-M, DTX-1200-MS

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your BCXY replacement battery, model CS-FBP740SL. This battery is designed as a compatible replacement for Fluke DTX-1200-M and DTX-1200-MS devices, and replaces original battery part numbers DTX-LION and BP7440.

Please read this manual thoroughly before installation and use to ensure optimal performance and safety.

Note its orientation for correct installation of the new battery.

4. **Insert New Battery:** Align the BCXY replacement battery (model CS-FBP740SL) with the battery compartment. Ensure the connectors on the battery align with the corresponding terminals in the device. Gently push the battery into place until it is securely seated.



Figure 2: Side view of the battery, illustrating the connector pins for proper device insertion.

5. **Secure Compartment:** Close the battery compartment cover and ensure it is latched or screwed shut, as per your device's design.
6. **Initial Charge:** It is recommended to fully charge the new battery before its first use. Connect your Fluke device to its charger and allow it to charge until the charging indicator shows a full charge.

4. OPERATING GUIDELINES

To maximize the performance and lifespan of your BCXY replacement battery:

- **Charging:** Always use the original or a certified compatible charger for your Fluke device. Avoid overcharging by disconnecting the device once fully charged.
- **Discharging:** For optimal battery health, avoid completely draining the battery frequently. Recharge when the device indicates low battery.
- **Temperature:** Operate the device with the battery within its recommended temperature range. Extreme temperatures can degrade battery performance and life.

5. BATTERY MAINTENANCE AND STORAGE

Proper maintenance ensures longevity and reliability:

- **Cleaning:** Keep battery contacts clean and free from dust or debris. Use a dry, clean cloth if necessary.
- **Storage:** If storing the battery for an extended period, ensure it is charged to approximately 50-70% capacity. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Disposal:** Do not dispose of the battery in household waste. Follow local regulations for proper disposal of Lithium-Ion batteries.

6. TROUBLESHOOTING

If you encounter issues with your replacement battery, consider the following:

- **Battery Not Charging:**
 - Ensure the battery is correctly seated in the device.
 - Verify the charger is properly connected and functional.
 - Check for any visible damage to the battery or charger.
- **Short Operating Time:**
 - Ensure the battery has been fully charged.
 - Battery performance can decrease over time with extensive use.
 - Operating the device in extreme temperatures can reduce battery life.
- **Device Not Powering On:**
 - Confirm the battery is fully charged and correctly installed.
 - Test the device with another known-good battery if available.

If problems persist, contact customer support for assistance.

7. PRODUCT SPECIFICATIONS

| | |
|------------------------------|--|
| Model Number | CS-FBP740SL |
| Compatible Models | Fluke DTX-1200-M, DTX-1200-MS |
| Replaces Part Numbers | DTX-LION, BP7440 |
| Battery Type | Lithium Ion |
| Voltage | 7.4V |
| Capacity | 5200mAh |
| Watt-Hours (Wh) | 38.48Wh |
| Dimensions | 98.9 x 98.0 x 26.2mm (3.86 x 3.89 x 1.03 inches) |
| Weight | 415.4g (14.7 ounces) |
| Certifications | ISO9001, RoHS, CE, UN38.3, MSDS |



Figure 3: Top view of the battery, illustrating its overall form factor.

8. WARRANTY AND SUPPORT

Our batteries are manufactured to strict specifications and undergo rigorous testing to ensure safety and durability. This includes protection against overcharge, over-discharge, over-voltage, and short circuits.

For any questions, technical support, or warranty claims, please contact your retailer or the manufacturer directly. When contacting support, please provide your product model number (CS-FBP740SL) and purchase details.