

# BP1730

## Lithium-Ion Battery Pack

### *Safety Information*

Go to [www.fluke.com](http://www.fluke.com) to register your product, download manuals, and find more information.

A **Warning** identifies conditions and procedures that are dangerous to the user. A **Caution** identifies conditions and procedures that can cause damage to the Product or the equipment under test.

#### **⚠⚠ Warning**

**To prevent possible electrical shock, fire, or personal injury, use only the Fluke 1730 Energy Logger to charge the battery.**

#### **⚠ Caution**

**To prevent decrease of battery capacity, charge it at least twice a year.**

The battery pack, Fluke BP1730, has been tested in accordance with:

- UN Manual of Tests and Criteria Part III Subsection 38.3 (ST/SG/AC.10/11/Rev.3) – more commonly known as the UN T1..T8 – tests, and has been found to comply with the stated criteria
- IEC62133

## Safe Storage

- Do not remove a battery pack from its original packaging until required for use.
- Keep the battery pack out of the reach of children and animals.

### Warning

To prevent possible electrical shock, fire, or personal injury:

- Read all safety information before you use the Product.
- Use the Product only as specified, or the protection supplied by the Product can be compromised.
- Carefully read all instructions.
- Charge the battery only when installed in the Fluke 1730 Energy Logger.
- Do not use the Product around explosive gas, vapor, or in damp or wet environments.
- Examine the case before you use the Product. Look for cracks or missing plastic. Carefully look at the insulation around the terminals.
- Batteries contain hazardous chemicals that can cause burns or explode. If exposure to chemicals occurs, clean with water and get medical aid.
- Remove the batteries if the Product is not used for an extended period of time, or if stored in temperatures above 50 °C. If the batteries are not removed, battery leakage can damage the Product.
- Do not short the battery terminals together.
- Do not disassemble or crush battery cells and battery packs.
- Do not put battery cells and battery packs near heat or fire. Do not put in sunlight.
- Do not continuously charge battery packs when not in use.
- Do not expose battery pack to mechanical shock.
- Do not open the battery pack. There are no user serviceable parts inside.
- Refer to the Product manual for proper instructions on charging the battery pack.
- Do not transport damaged batteries by air.

# Safe Disposal

- A failed battery pack shall be properly disposed of in accordance with local regulations.
- Dispose of properly: do not dispose of the battery as unsorted municipal waste. Go to Fluke's website for recycling information.
- Dispose in discharged condition and cover the battery terminals with isolation tape.

# Safety Specifications

## UN 38.3 Compliant

**Battery Type** ..... Li-ion 3.7 V 2500 mAh, 9.25 Wh

### Temperature

Operating .....	-20 °C to 50 °C (-4 °F to 122 °F)
Storage.....	-20 °C to 50 °C (-4 °F to 122 °F)
Charging.....	0 °C to 40 °C (32 °F to 104 °F)
Discharging .....	-20 °C to 50 °C (-4 °F to 122 °F)

The table below is a list of symbols used on the product or in this document.

### Symbols

Symbol	Meaning
	Risk of Danger. Important information. See Manual.
	Hazardous voltage
	Double insulation
	Battery
CAT II	Measurement Category II is applicable to test and measuring circuits connected directly to utilization points (socket outlets and similar points) of the low-voltage MAINS installation.
CAT III	Measurement Category III is applicable to test and measuring circuits connected to the distribution part of the building's low-voltage MAINS installation.
CAT IV	Measurement Category IV is applicable to test and measuring circuits connected at the source of the building's low-voltage MAINS installation.
	Conforms to European Union directives.
	Conforms to relevant North American Safety Standards.
	Conforms to relevant South Korean EMC Standards.
	Conforms to relevant Australian EMC requirements.
	This Product contains a lithium-ion battery. Do not mix with the solid waste stream. Spent batteries should be disposed of by a qualified recycler or hazardous materials handler per local regulations. Contact your authorized Fluke Service Center for recycling information.
	This product complies with the WEEE Directive (2002/96/EC) marking requirements. The affixed label indicates that you must not discard this electrical/electronic product in domestic household waste. Product Category: With reference to the equipment types in the WEEE Directive Annex I, this product is classed as category 9 "Monitoring and Control Instrumentation" product. Do not dispose of this product as unsorted municipal waste. Go to Fluke's website for recycling information.

## **LIMITED WARRANTY AND LIMITATION OF LIABILITY**

This Fluke product will be free from defects in material and workmanship for one year from the date of purchase. This warranty does not cover fuses, disposable batteries, or damage from accident, neglect, misuse, alteration, contamination, or abnormal conditions of operation or handling. Resellers are not authorized to extend any other warranty on Fluke's behalf. To obtain service during the warranty period, contact your nearest Fluke authorized service center to obtain return authorization information, then send the product to that Service Center with a description of the problem.

**THIS WARRANTY IS YOUR ONLY REMEDY. NO OTHER WARRANTIES, SUCH AS FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSED OR IMPLIED. FLUKE IS NOT LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES, ARISING FROM ANY CAUSE OR THEORY.** Since some states or countries do not allow the exclusion or limitation of an implied warranty or of incidental or consequential damages, this limitation of liability may not apply to you.

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