

Manual Supplement

Manual Title: 1744/1743 Users
Part Number: 2560353
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This supplement contains information
necessary to ensure the accuracy of
the above manual.

Change #1


On page 7, replace Table 2 with:

Table 2. Standard Equipment

Equipment	Model/Part Number
Power Quality Logger	1744/1743
International IEC Power Plug Adapter Set	2441372
RS232 Cable, Red, Null-Modem	2540511
FS17XX IP65-TF-II, 3000A IP65 4-PH FLUKE 1743/4 THIN FLEXI SET	4531804
Dolphin Clip, Black (4x)	2540726
Color Coding Wire Clips	WC17XX
Soft Case	2715509
English Users Manual	2560353
CD with Users Manual (English, German, French, Spanish, Portuguese, Simplified Chinese, Italian), and PQ Log software (same languages as the manual)	2583493
Power Cord Adapter for paralalled connection to test leads	2651702
USB Adapter	2539565

Change #2

On page 4, add the following symbol to Table 1:

	Do not apply around or remove from the Hazardous Live conductors.
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On page 7, replace Table 3 with:

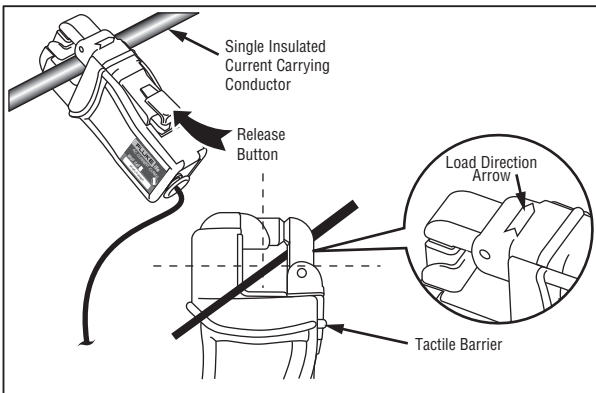
Table 3. Optional Accessories

Description	Model or Part Number
i1A/10A CLAMP PQ3, 3-PHASE 1A/10A MINI CURRENT CLAMP SET FOR PQ	3024413
i1A/10A CLAMP PQ4, 4-PHASE 1A/10A MINI CURRENT CLAMP SET FOR PQ	3024424
i5A/50A CLAMP PQ3, 3-PHASE 5A/50A MINI CURRENT CLAMP SET FOR PQ	3024436
i5A/50A CLAMP PQ4, 4-PHASE 5A/50A MINI CURRENT CLAMP SET FOR PQ	3024449
i20/200A CLAMP PQ3, 3-PHASE 20A/200A MINI CURRENT CLAMP SET FOR PQ	3024451
i20/200A CLAMP PQ4, 4-PHASE 20A/200A MINI CURRENT CLAMP SET FOR PQ	3024460
3000/6000A-TF-4-II, 3000A/6000A 4-PH 36-INCH THIN FLEXI SET	4531828
1-PHASE 1A/10A MINI CURRENT CLAMP SET FOR PQ	3345753
1-PHASE 5A/50A MINI CURRENT CLAMP SET FOR PQ	3345766
FS17XX-1PH-TF-II, 3000A 1PH FLUKE 1735 & 174X THIN FLEXI	4531819
1743/44 Poleset	3024485
C435 Hardcase	2654865

Change #3

On page 15, under **Connecting the Logger**, add the following text and Figure:

- **To avoid shock or personal injury, keep fingers behind the tactile barrier, see the figure.**



Using the Optional Microclamps

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On page 56, under Total power, delete the following text:

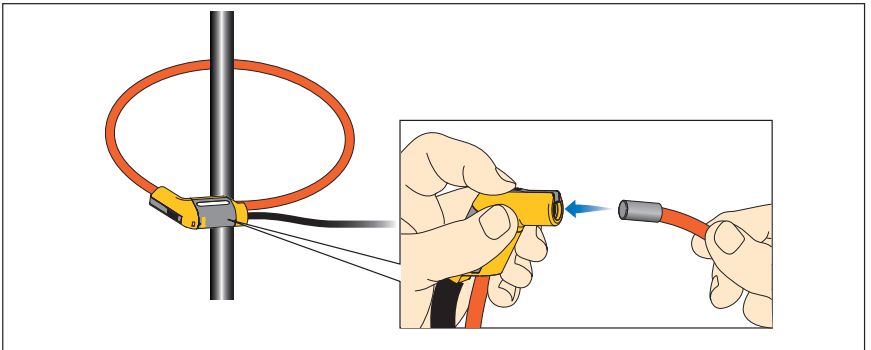
- 2 ½ wattmeter method

Change #4

On page 17, following the Note, add:

Operating Instructions

1. Connect the Probe to the 1743/44 via the current input socket.
2. Wear protective equipment or de-energize the circuit and place the Probe around the conductor under test. To lock the coil, see the Figure.
3. Re-energize the circuit.
4. Observe and take measurements as required. Positive output indicates that the current flow is in the direction shown by the arrow on the Probe.
5. Wear protective gloves or de-energize the circuit before removal of the Probe.



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Locking the Coil

Change #5, 57884, 66597, 67043

On page 4, add the following to the **Symbols** table:

	Conforms to relevant South Korean EMC Standards.
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On page 48, under **General Information** in Reference conditions replace Power Supply with:

Power supply: 100 to 600 V AC $\pm 10\%$

On page 48, under **Environmental Specifications**, remove **Protection, Safety, Type test voltage** and the **EMC** section and replace with:

Safety	IEC 61010-2-030: Measurement 600 V CAT III/ 300 V CAT IV
Altitude	Operating 2000 m
IP Rating	IEC 60529: IP65
Electromagnetic Environment	IEC 61326-1: Portable, Class B
Electromagnetic Compatibility	Applies to use in Korea Only Class A Equipment (Industrial Broadcasting & Communication Equipment) ^[1] [1] This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and is not to be used in homes.

On page 49, under **Power Supply**, replace the **Safety** section.

Safety: IEC 61010-1: Overvoltage Category III, Pollution Degree 2