

Manual Supplement


Manual Title: 1745 Users
Part Number: 2560366
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This supplement contains information necessary to ensure the accuracy of the above manual.

Change #1

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:

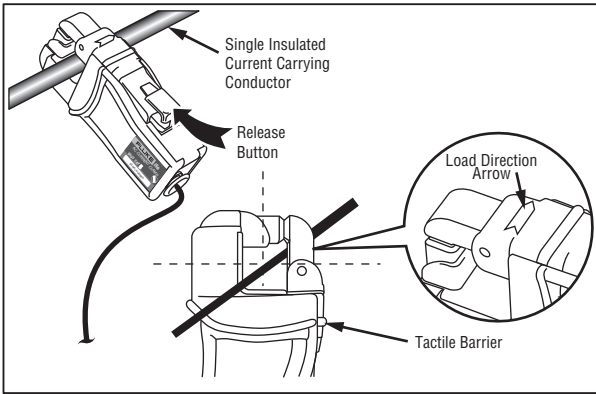
Table 3. Optional Accessories

Description	Model or Part Number
i1A/10A CLAMP 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
i1A/10A CLAMP PQ3, 3-PHASE 1A/10A MINI CURRENT CLAMP SET FOR PQ	3024413
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
FS17XX IP65-TF-II, 3000A IP65 4-PH FLUKE 1743/4 THIN FLEXI SET	4531804
C435 Hardcase	2654865

Change #2

On page 16, 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.**



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Using the Optional Microclamps

Change #3

On page 7, Table 2, change the following:

From:

Power Cord	2715492
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To:

Power Cord	3007677
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Change #4

On page 7, Table 2, change the following:

From:

Shielded 4 Phase Flexi Set (15 A/150 A/1500 A/3000 A)	FS17XX
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To:

FS17X5-TF-II, 3000A 4-PH FLUKE 1735 & 1745 THIN FLEXI SET	4531791
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Add the following to Table 2:

VL1735/45, Banana 4-Phase Voltage Lead Set for Fluke-1735/45	3276205
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Change #5, 57885

On page 45, under **Environmental Specifications**, following Safety add:

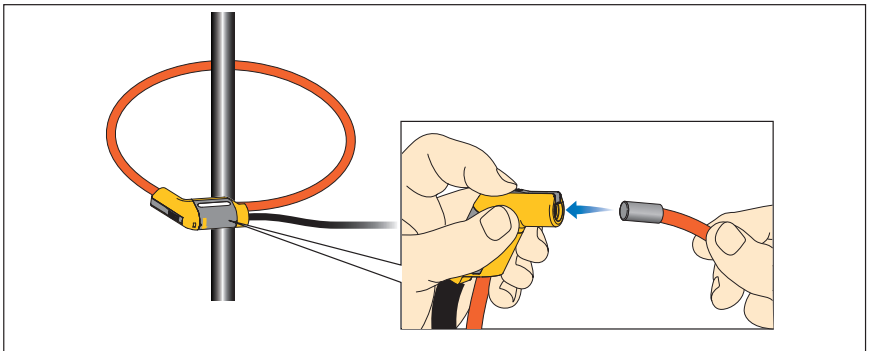
Altitude 2000 m

Change #6

On page 18, following the Note, add:

Operating Instructions

1. Connect the Probe to the 1745 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 #7, 67509

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

	Conforms to relevant South Korean EMC Standards.
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.

On page 45, in the **Environmental Specifications**, remove **Protection** and **Safety**, and add:

IP Rating	IEC 60529: IP50
Safety:	IEC 61010-1: Overvoltage 600 V Category III, 300 V Category IV, Pollution Degree 2 IEC 61010-2-030: Measurement 600 V CAT III, 300 V CAT IV IEC 61010-2-031: Measurement 600 V CAT III, 300 V CAT IV IEC 61010-2-032: Measurement 600 V CAT III, 300 V CAT IV
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.
Radio Frequency Emissions	IEC CISPR 11: Group 1, Class A. Group 1 have intentionally generated and/or use conductively coupled radio-frequency energy which is necessary for the internal functioning of the equipment itself. Class A equipment is suitable for use in non-domestic locations and/or directly connected to a low-voltage power supply network.

On page 45, remove the **EMC** section. Under **Power Supply** remove **Safety**.