

1630-2/1630-2 FC Earth Ground Clamp

Warning
To prevent possible electrical shock, fire, or personal injury, read the “1630-2/1630-2 FC Safety Information” before you use this Product.

Consult user documentation.
Go to www.fluke.com to register your product and find more information.

Install Fluke Connect® App





iOS



Android



FLUKE CONNECT® Be ready with measurement data. With the Fluke Connect® Measurements app, you can save equipment measurements to the cloud and share them or reference them at any time. Connect with your team using Fluke Connect® wireless tools and the Fluke Connect Measurement app.

For more information about Fluke Connect, contact us at 844-427-2296 or visit www.flukeconnect.com.

Wireless Radio Setup (1630-2 FC)

1

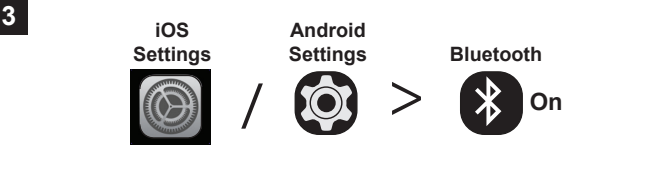


2



3

iOS Settings / Android Settings > Bluetooth On



4



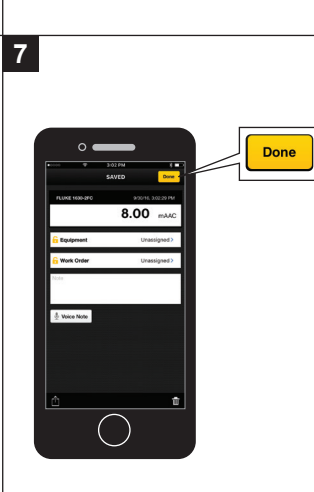
5



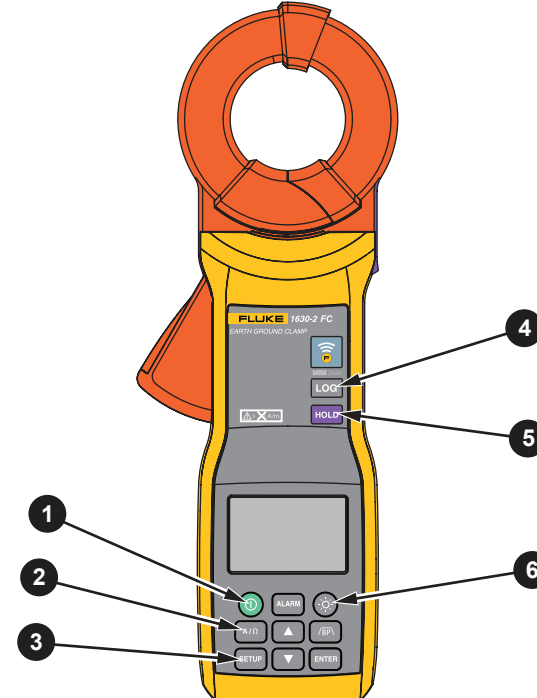
6



7



Clamp Functions



1 Power ON/OFF
ON = ON >2 s = OFF
>20 m (no use) = Auto-Off

2 Function Switch
A / Ω Toggle between Current and Resistance function.

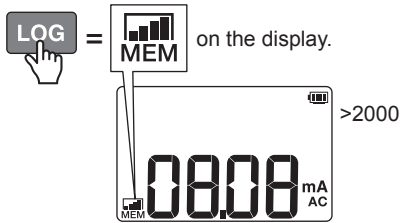
3 Setup
SETUP >

- Log interval
- Alarm threshold
- Time
- Clamp settings

For complete instructions go to www.fluke.com to view or download the users manual.

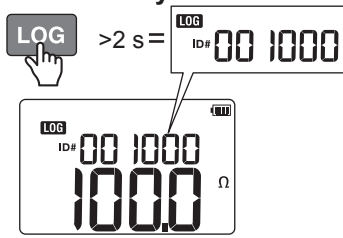
4 Log Measurements

LOG = MEM on the display.



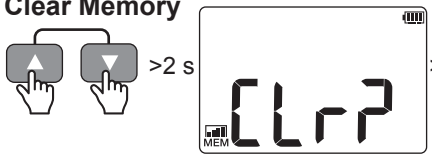
View Memory

LOG >2 s = LOG ID# 00 1000



Clear Memory

LOG >2 s



ENTER to confirm

5 Hold

HOLD the displayed value



6 Backlight

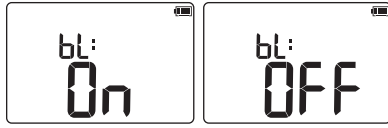
ON/OFF



Backlight Auto-Off Setup

1. SETUP until bl: shows

2. UP / DOWN



When on, >2 m (no use) = Backlight Auto-Off

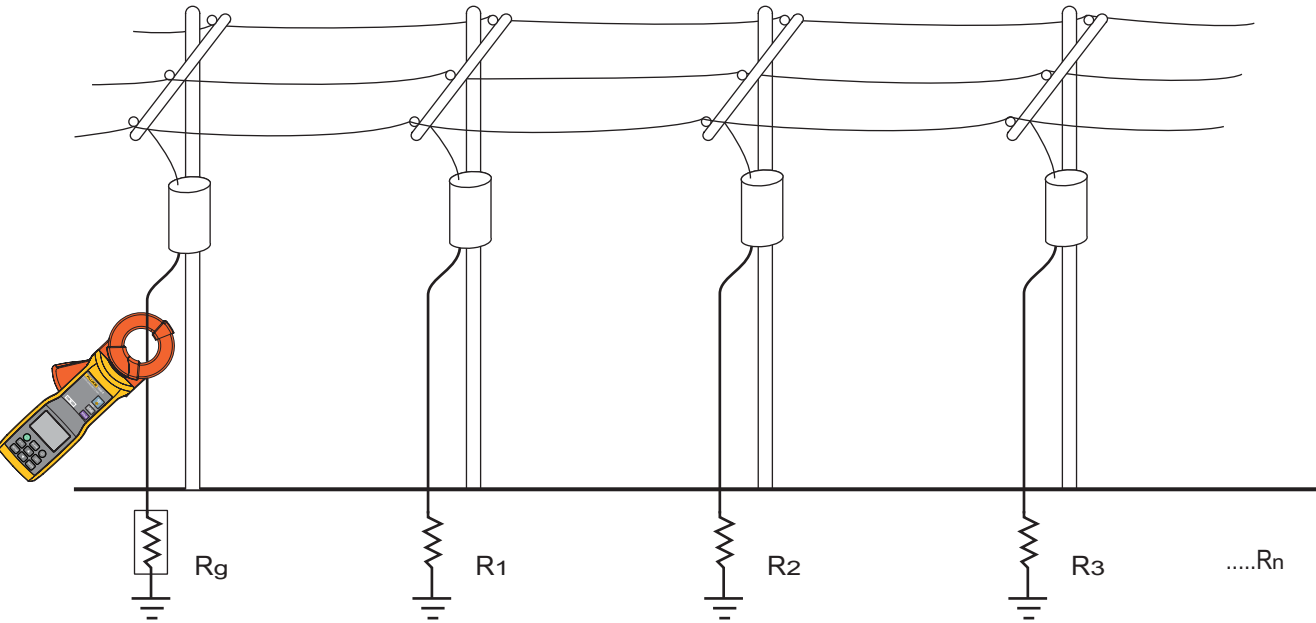
3. ENTER to confirm

4. A / Ω > Measurement Mode

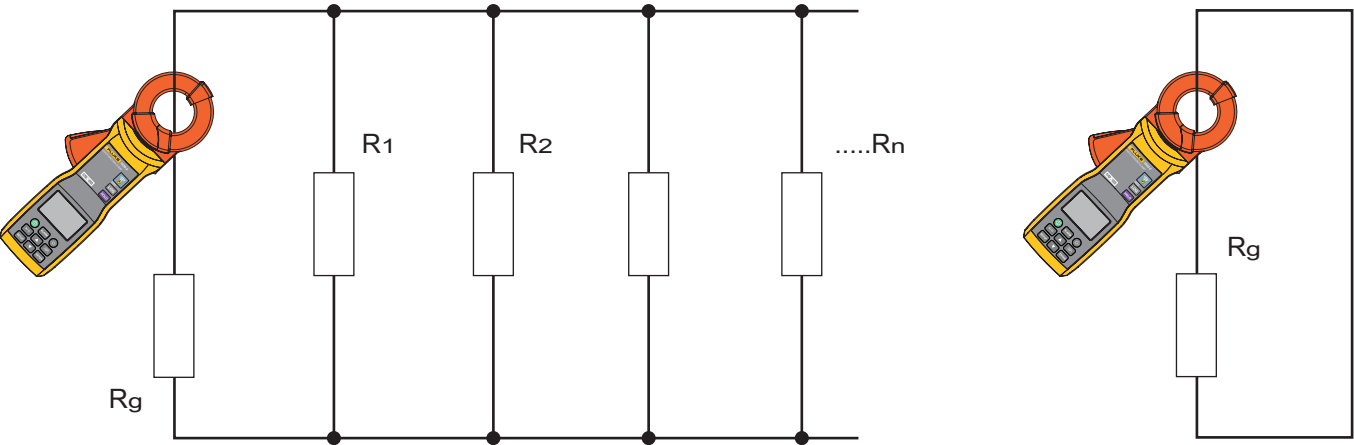
Measurements

Ground Resistance

Ground resistance measurements principle:

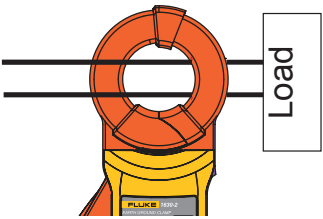


Equivalent circuit diagram:

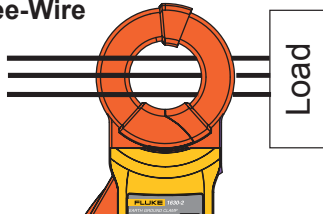


AC Leakage Current

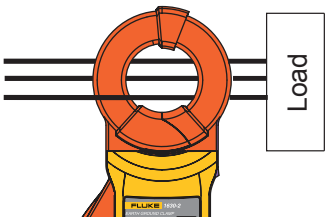
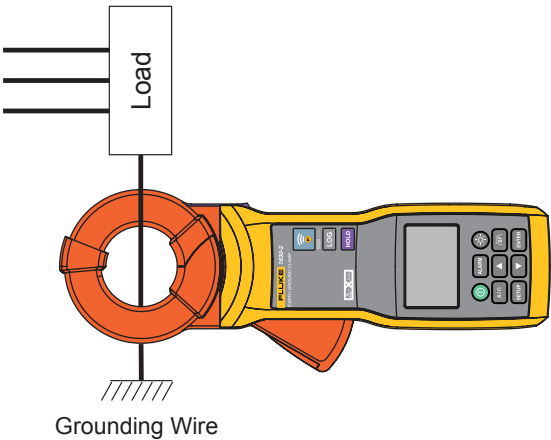
Single-Phase Two-Wire Circuit



Single-Phase Three-Wire or Three-Phase Three-Wire Circuit



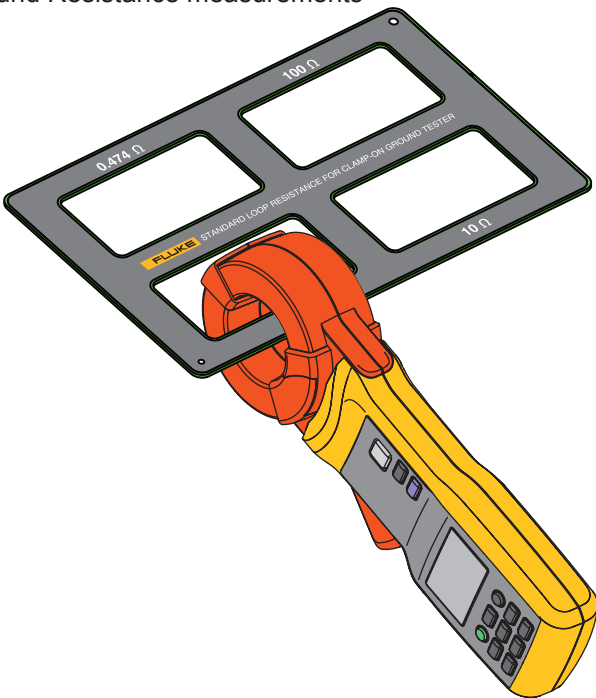
Load Current



Insert only one of the wires through the jaws

Standard Loop Resistance

Check the Clamp before Ground Resistance measurements



Battery

