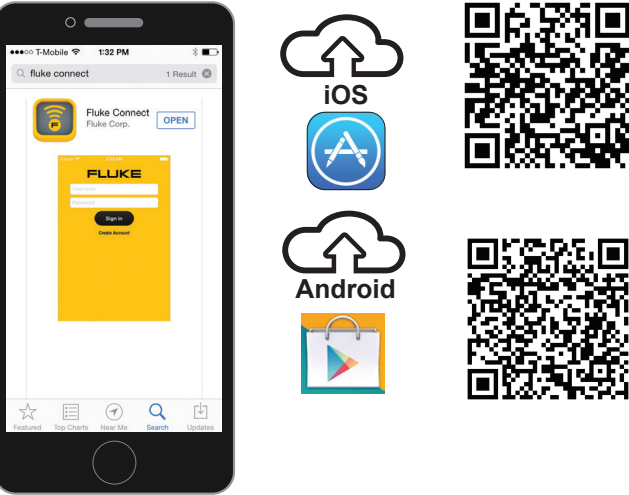


1630-2/1630-2 FC Earth Ground Clamp

⚠⚠ 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.

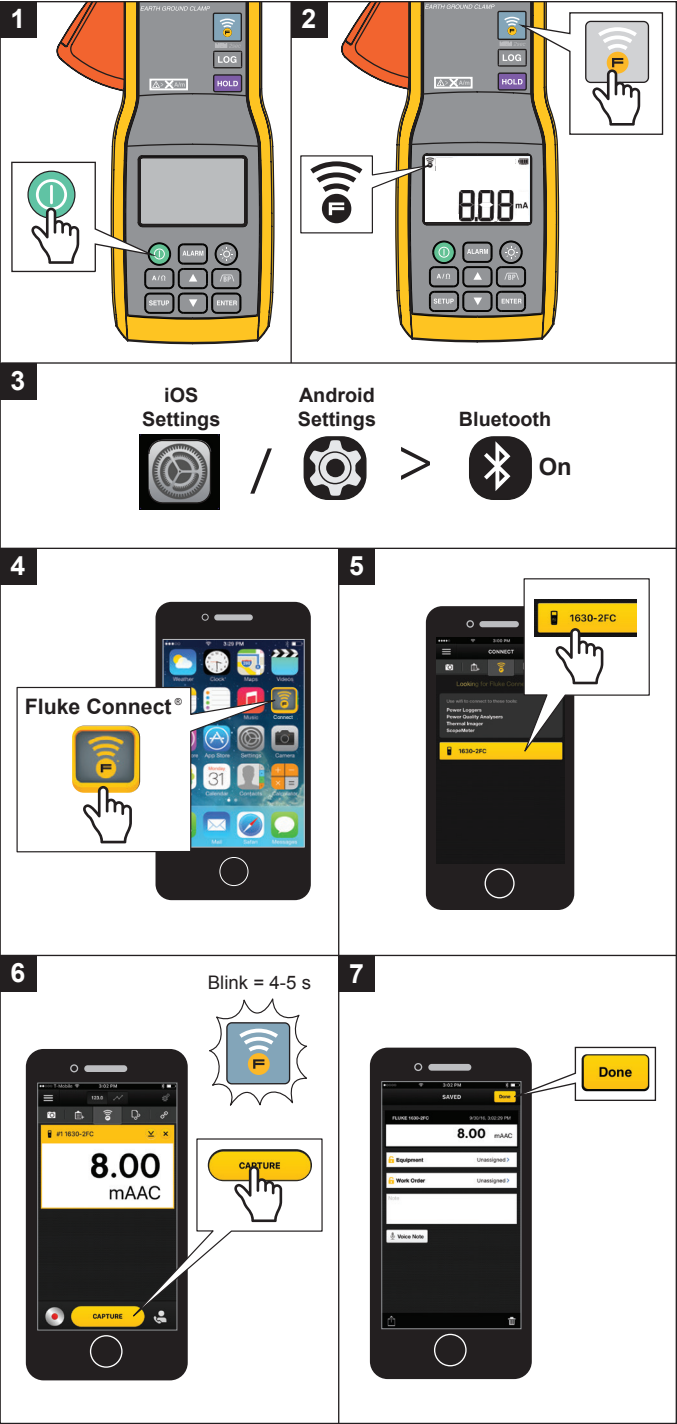
Install Fluke Connect® App



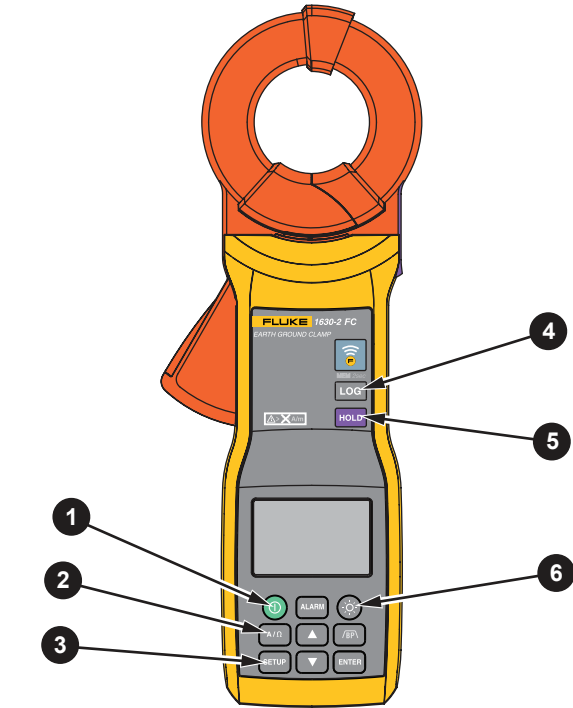
FLUKE CONNECT® Be ready with measurement data. With the Fluke Connect® Measurements app, you can save equipment measurements to the cloud and share them or reference them at any time. Connect with your team using Fluke Connect® wireless tools and the Fluke Connect Measurement app.

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

Wireless Radio Setup (1630-2 FC)



Clamp Functions



- 1 Power ON/OFF**
= 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

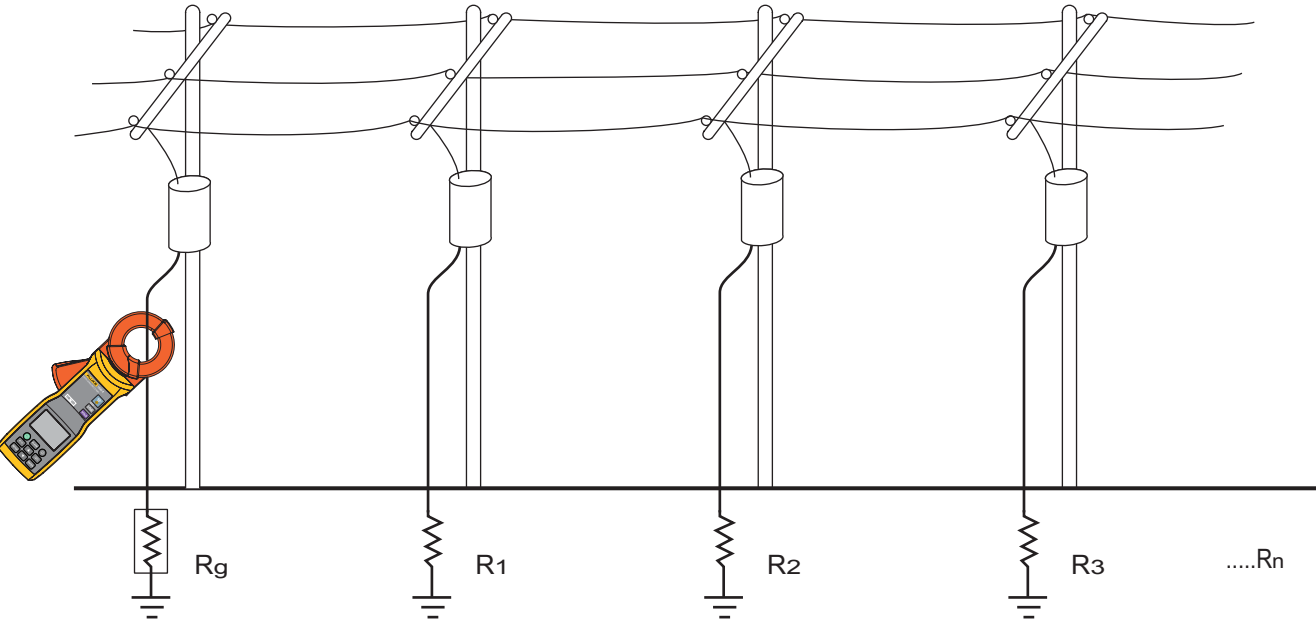
For complete instructions go to www.fluke.com to view or download the users manual.

- 4 Log Measurements**
LOG = MEM on the display.
View Memory: LOG >2 s = LOG ID# 00 1000
Clear Memory: >2 s CLEAR to confirm
- 5 Hold**
HOLD the displayed value
- 6 Backlight**
= ON/OFF
Backlight Auto-Off Setup
1. SETUP until bl: shows
2. / bl: On bl: OFF
When on, >2 m (no use) = Backlight Auto-Off
3. ENTER to confirm
4. A / Ω > Measurement Mode

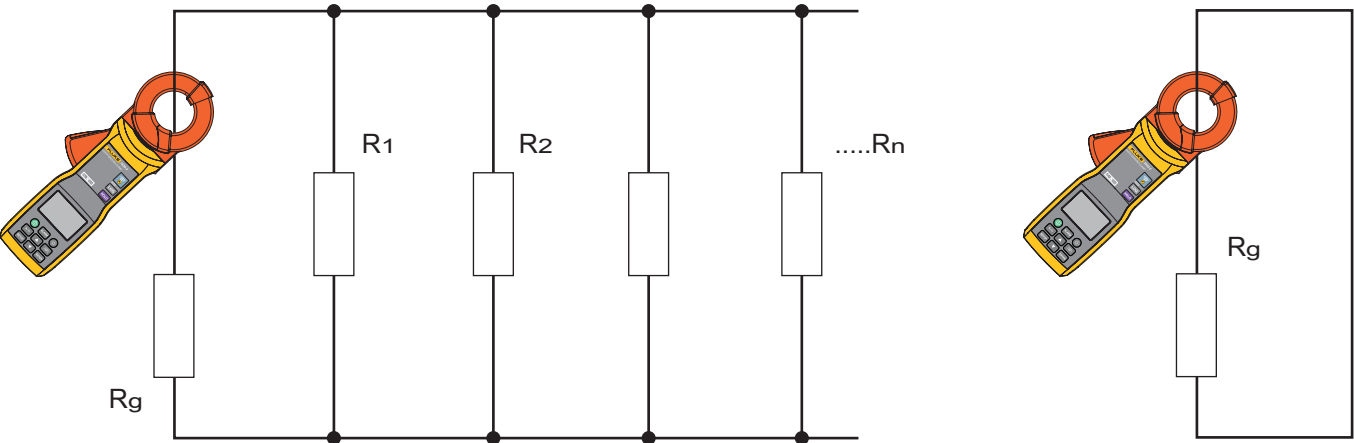
Measurements

Ground Resistance

Ground resistance measurements principle:

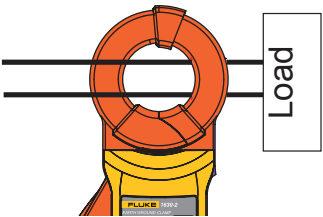


Equivalent circuit diagram:

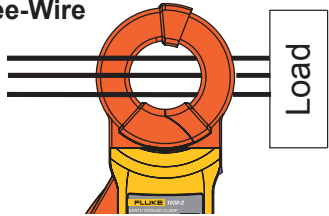


AC Leakage Current

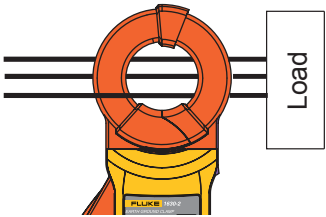
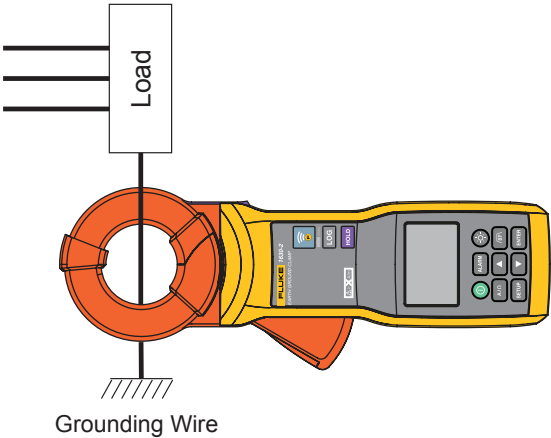
Single-Phase Two-Wire Circuit



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



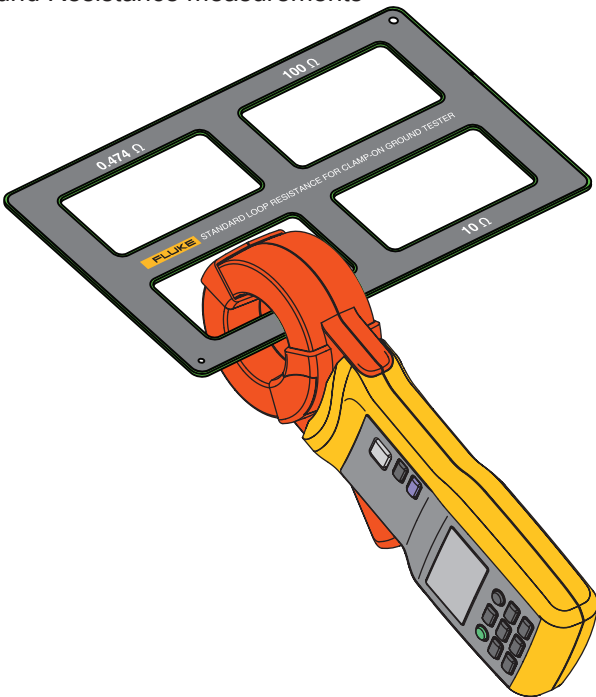
Load Current



Insert only one of the wires through the jaws

Standard Loop Resistance

Check the Clamp before Ground Resistance measurements



Battery

