FieldSense voltage measurement without test leads

1. Rotate the knob to the FieldSense position.

2. Insert test probes into the storage dock.

3. Hold hand firmly on FieldSense ground contact.

4. Insert the fork around the ac conductor. Note that the conductor should bottom out in the fork.

5. Press the yellow toggle button to display Hertz. (T6–1000)

Key Takeaways

- Voltage can be measured without metallic contact.
- Current and voltage are displayed at the same time (T6–1000). The T6–600 display can be toggled to display both measurements.
- Frequency can be measured (T6–1000).
- The display backlight turns green when the T6 has a reliable FieldSense signal.

Don’t forget

- The user must provide capacitive path to ground
- The black test lead must be stored
- Maintain good contact with the FieldSense touch point
- The ac conductor needs to be as close to the FieldSense sensor as possible by bottoming out in the fork.
**FieldSense voltage measurement with separate path to ground**

**Key Takeaways**

- Voltage can be measured without metallic contact.
- Current and voltage are displayed at the same time (T6-1000). The T6-600 display can be toggled to display both measurements.
- Frequency can be measured (T6-1000).
- The display backlight turns **green** when the T6 has a reliable FieldSense signal.
- This method of making a FieldSense measurement can be used if the user is standing on an insulated ladder, wearing insulated gloves or otherwise insulated from ground.

**Don’t forget**

- The ac conductor needs to be as close to the FieldSense sensor by bottoming out in the fork.
- Contact with the FieldSense touch point is not required.

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1. **Rotate the knob to the FieldSense position.**

2. **Use the black ground lead.**

3. **Touch the black ground lead to ground.**

4. **Insert the fork around the ac conductor. Note that the conductor should bottom out in the fork.**

5. **Press the yellow toggle button to display Hertz (T6-1000).**