

FLUKE®

8845A/8846A

Digital Multimeters

Safety Information

Safety Information

This safety information should be observed when using the 8845A or 8846A (hereafter the Meter) Digital Multimeters.

A **⚠️⚠️ Warning** statement identifies conditions or practices that could result in injury or death.

A **⚠️ Caution** statement identifies conditions or practices that could result in damage to the Meter or equipment to which it is connected.




















⚠️⚠️ Warning

To avoid electric shock, personal injury, or death, carefully read the information in this safety sheet before attempting to install, use, or service the Meter.

Symbols

Table 1 is a list of safety and electrical symbols that appear on the Meter or in its manuals.

Table 1. Safety and Electrical Symbols

Symbol	Description	Symbol	Description
	Risk of danger. Important information. See manual		Display ON / OFF
	Hazardous voltage. Voltage > 30 V dc or ac peak might be present		Earth ground
	AC (Alternating Current)		Capacitance
	DC (Direct Current)		Diode
 or 	AC or DC (Alternating or Direct Current)		Fuse
			Digital signal
	Continuity test or continuity beeper tone		Maintenance or Service
	Potentially hazardous voltage	CAT II	IEC 61010 Overvoltage (installation or measurement) Category 2.
	Double insulated		Recycle
	Static awareness. Static discharge can damage part(s)		Do not dispose of this product as unsorted municipal waste. Contact Fluke or a qualified recycler for disposal

 Warning

To avoid possible electric shock, personal injury, or death, read the following before using the Meter:

- Use the Meter only as specified in the Users Manual, or the protection provided by the Meter might be impaired.
- Do not use the Meter in wet environments.
- Inspect the Meter before using it. Do not use the Meter if it appears damaged.
- Inspect the test leads before use. Do not use them if insulation is damaged or metal is exposed. Check the test leads for continuity. Replace damaged test leads before using the Meter.
- Verify the Meter's operation by measuring a known voltage before and after using it. Do not use the Meter if it operates abnormally. Protection may be impaired. If in doubt, have the Meter serviced.
- Whenever it is likely that safety protection has been impaired, make the Meter inoperative and secure it against any unintended operation.
- Have the Meter serviced only by qualified service personnel.
- Do not apply more than the rated voltage, as marked on the Meter, between the terminals or between any terminal and earth ground.
- Always use the power cord and connector appropriate for the voltage and outlet of the country or location in which you are working.
- Remove test leads from the Meter before opening the case.
- Never remove the cover or open the case of the Meter without first removing it from the main power source.
- Never operate the Meter with the cover removed or the case open.
- Use caution when working with voltages above 30 V ac rms, 42 V ac peak, or 42 V dc. These voltages pose a shock hazard.
- Use only the replacement fuse(s) specified by the Users Manual.
- Use the proper terminals, function, and range for your measurements.
- Do not operate the Meter around explosive gas, vapor, or dust.
- When using probes, keep your fingers behind the finger guards.
- When making electrical connections, connect the common test lead before connecting the live test lead; when disconnecting, disconnect the live test lead before disconnecting the common test lead.
- Disconnect circuit power and discharge all high-voltage capacitors before testing resistance, continuity, diodes, or capacitance.
- Before measuring current, check the Meter's fuses and turn OFF power to the circuit before connecting the Meter to the circuit.
- When servicing the Meter, use only specified replacement parts.