



# Agilent U1176A LED Probe Clip Light

## Operating Instructions

This LED probe clip light is designed for use with Agilent handheld digital multimeters. The LED probe clip light helps make measurements easier while using handheld digital multimeters in dark places.

### Assistance

For technical assistance, contact your nearest Agilent Sales Office or visit the Agilent website at [www.agilent.com/find/assist](http://www.agilent.com/find/assist) for further information.

### Product Characteristics

**OPERATING ENVIRONMENT:** Operating temperature from  $-10\text{ }^{\circ}\text{C}$  to  $55\text{ }^{\circ}\text{C}$ .

**STORAGE ENVIRONMENT:** Storage temperature from  $-20\text{ }^{\circ}\text{C}$  to  $60\text{ }^{\circ}\text{C}$ .

**RELATIVE HUMIDITY (R.H.):** Relative humidity up to 80% for temperature up to  $30\text{ }^{\circ}\text{C}$ , decreasing linearly to 50% R.H. at  $55\text{ }^{\circ}\text{C}$ .

**POWER CONSUMPTION:** 90 mVA for single 1.5 V AAA battery

**BATTERY TYPE:** Alkaline 24 A (ANSI/NEDA) and LR03 (IEC), or Zinc Chloride 24 D (ANSI/NEDA) and R03 (IEC).

**DIMENSION (W × L × H):** 16.3 mm × 80.0 mm × 33.5 mm

**WEIGHT:** 25 g with battery

**ELECTROMAGNETIC COMPATIBILITY (EMC):** Susceptibility and emissions: Commercial limits per EN61326-1, Pollution Degree II Environment and altitude up to 2000 m.

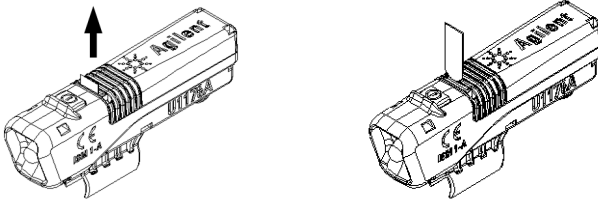
### WARNING


- When using the LED probe clip light for the first time, remove the insulating material situated between the anode of the battery and the circuit.
  - Do not open the plastic case unnecessarily. Doing so may cause damage to the plastic case.
  - Keep the LED probe clip light away from getting wet.
  - Ensure the LED probe clip light is turned OFF and the battery cover removed when replacing the battery.
  - Remove the battery when not using the LED probe clip light for a long time.
  - If the LED probe clip light is not lighted when turned on, replace with a specified battery.
  - The battery must be recycled or disposed properly after depletion.
  - The LED probe clip light can only be used with handheld digital multimeters or test leads from Agilent.
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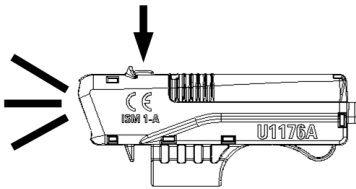
# Operation

## Using the probe clip light

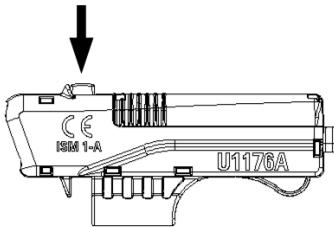
1. Remove the battery insulator from the body of the LED probe clip light before first use.



2. Push and lock the  button to turn the probe clip light ON.



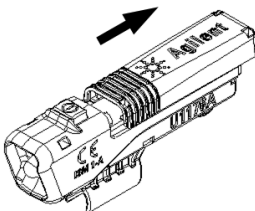
3. Push and release the  button to turn the probe clip light OFF.



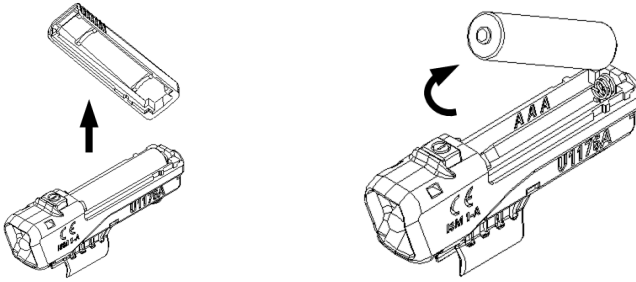
## Replacing the battery

1. Ensure the LED probe clip light is turned OFF.

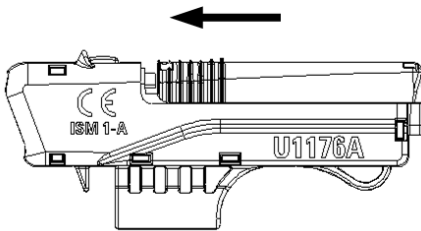
2. Slide the battery cover away from the body of the LED probe clip light.



3. Replace the specified battery.

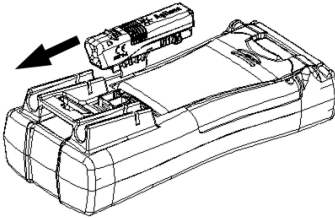


4. Ensure the battery cover is aligned properly on the LED probe clip light. Reverse the sliding direction to close the battery cover.

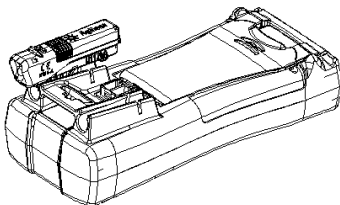


## Mounting on handheld digital multimeter

1. Slide the clip of the LED probe clip light.

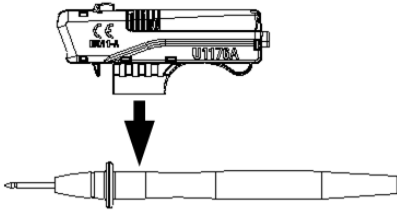


2. You may also mount the LED probe clip light on the test lead holder of the digital handheld multimeter.

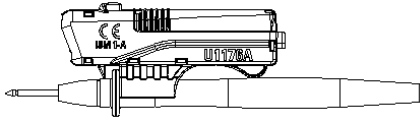


## Mounting on test lead

1. Mount the clip of the LED probe clip light on a test lead.



2. Attach the clip of the probe clip light on the hand guard of test lead.



## Maintenance

If any portion of the LED probe clip light is worn out or damaged, replace with a new LED probe clip light.



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