

Neon Tester | Technical Sheet



The Neon Tester by Amazing1 projects high-frequency energy waves capable of igniting neon, fluorescent, and other gas discharge tubes without direct contact or wiring. Designed as a handheld plasma energy emitter, this tool is ideal for quickly testing neon tubing, fluorescent lamps, and plasma globes.

Specifications

- **Size:** Approx. 1.625" x 15.5"
- **Power:** 8 AA batteries
- **Probe Reach:** Up to 10"
- **Output:** 8Kv

Features

- Tests neon, fluorescent, and gas discharge tubes without removal
- Produces high-frequency plasma energy fields
- Lightweight handheld wand design
- Telescoping probe extends up to 10"
- Operates using 8 AA batteries
- Ideal for neon displays, plasma globes, and diagnostic work

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How to install Batteries



1. Remove the cap opposite the antennae (probe). It'll take some effort, as it's a snug fit.
2. Gently remove the battery holder
3. Insert 8 AA batteries, making sure to follow the guide for inserting batteries.
4. Make sure all battery connectors are secure before placing them within the tube and fitting the cap.

Proper Use



To operate the unit:

1. Place your hand or palm on the metal tape/contact area.
2. Press and hold the activation button.
3. Bring the probe near or on the tube or vessel being tested. You can also touch the probe to the electrode wire, be sure it is not connected to a power source. You may damage the power source or receive feedback and minor shock.

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Safety & Operating Warnings

- Do not mix battery types or use damaged batteries.
- Do not use lithium or rechargeable batteries unless specifically approved. Improper batteries may overheat and create a fire hazard.
- NiCad batteries are recommended.
- Keep away from sensitive electronics, computers, medical devices, and magnetic storage media.
- Device may cause minor shocks or burns during operation.
- Keep away from flammable gases, explosive materials, chemicals, or volatile environments.
- Intended for testing neon tubes, fluorescent lamps, and small plasma globes only.

Duty Cycle Warning

- Maximum operation time: **25 seconds ON**
- Minimum cooldown time: **1 minute OFF**

Continuous operation beyond recommended times may cause excessive heat buildup in the heat sink and batteries, increasing the risk of:

- Fire
- Battery overheating
- Permanent device failure

If batteries become hot during use, discontinue operation immediately and allow the unit to cool before using again.