OZONE BUMP TESTER FD-03-BUMP

FORENSICS DETECTORS™

FORENSICS DETECTORS

*** * ATTENTION * ***

- **KEEP BUMP TESTER AWAY FROM ELECTROMAGNETC & MAGNETIC INTERFERENCES (i.e. PHONES & MAGNETS)**
- **STORE DETECTOR WITHIN SPECIFICATIONS**
- **DO NOT INHALE THE OZONE OUTPUT**
- **IF UNWELL, SEEK CLEAN AIR & HELP**
- **DO NOT OPEN THE UNIT**
- **KEEP AWAY FROM DUST AND VAPORS, HARSH CHEMICALS**
- **DO NOT OPERATE THE UNIT IN CLOSED UNVENTILATED INDOOR ENVIRONMENTS**
- **BE VERY CAREFULLY IN EXPOSING OZONE TO SENSORS – stay within detectors specifications**
- **DO NOT EXCEEED YOUR METER'S MAX READING**

INTRODUCTION

You have purchased the **OZONE BUMP TESTER by FORENSICS DETECTORS™**. Ozone must be generated for bump testing. Most gases are stable and therefore can be compressed in a bump test can or cylinder. Not for ozone. Because it is an unstable gas, with time it decays to oxygen, hence, it must be instantaneously generated. Our ozone bump tester makes it easy for you to bump test any ozone gas detector, meter and analyzer to make sure it is functioning correctly.

How does it work?

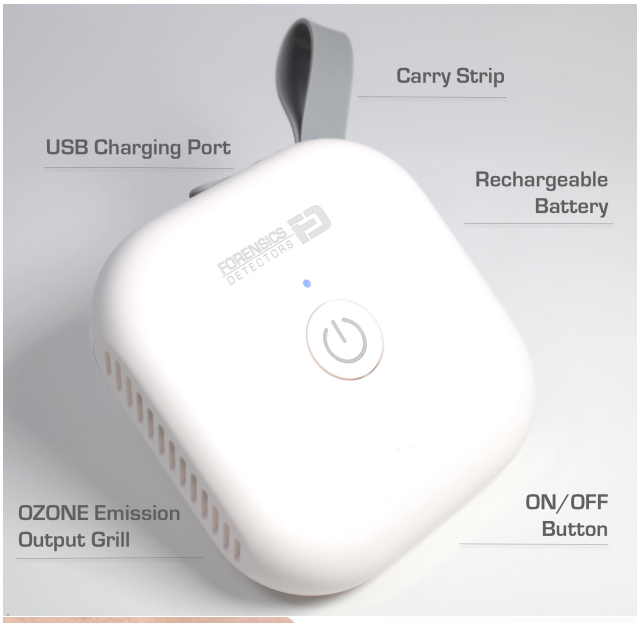
The ozone bump tester incorporates a corona discharge element to produce ozone. The unit emits over 300ppm of ozone, however, based on the proximity of the tester to the subject meter, a low level or wide range ozone meter can be bump tested making it very versatile.

What is Bump Testing?

Bump testing is to expose the gas detector to a small amount "blast" of target gas to ensure the detector operates and alarms as programmed. The function of this test is to verify detection operation and build user confidence, particularly in hazardous and critical user applications. Recommended to bump test when first unpacking detector and weekly thereafter. In LIFE THREATENING and/or DANGEROUS applications we recommend to bump test before every period of use in order to verify detector operation.

POWER & BATTERY CHARGING

The bump tester has a built-in lithium battery and is charged when the unit is connected to a USB charger. The battery operation can last for up to 3 hours. It takes about 2 hours to fully charge the battery using a 1A 5V USB charger. Use any USB charger.



OPERATION

Press the ON button to begin. The working blue indicator light will stay ON when ozone is being generated. The unit will auto-off after 10 minutes. Turn ON your ozone gas meter / detector. Slowly approach the meter sensor to the ozone output grill. Keep your eyes on the ozone level. Do NOT exceed the max reading of the meter otherwise you will damage the sensor. Once a reading and alarm trigger has been confirmed, your bump testing is complete. Check our YouTube for a real ozone detector Bump Test demonstration and tutorial.

SPECIFICATIONS

O3 Output Concentration > 300ppm
Dimensions: 3.1x3.1x0.8 inches
Weight: 5.3 oz.
Input Voltage: 5V 1A, USB connector to USB charger
Temperature: 30-120F
Working Humidity: 10%-90%RH
Battery: Li-Ion 220mAh

Web: www.forensicsdetectors.com
Email: sarah@forensicsdetectors.com