

Ozone Test Sticks

For Indoor and Outdoor Ambient Air Measurement

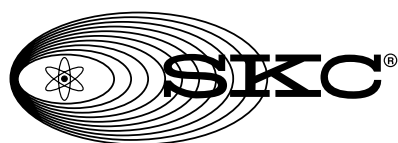
- Economical and easy to use
- Direct-reading; distinct color changes
- Can be used in any location
- Fast, on-the-spot results



Indicates Ambient Level of Ozone in Air

Ozone Test Sticks are designed to provide a quick indication of ambient levels of ozone in both indoor and outdoor air. A high concentration of ozone has been medically proven to damage lung tissue and can reduce lung efficiency up to 20%. It is important to monitor ozone levels on a regular basis, especially if people suffering from respiratory problems are consistently in a specific location. Even healthy individuals who are exercising or working outdoors can be damaged by high levels of ozone.

Groups of people that are most likely to be ozone-sensitive include children and adults who are active outdoors and people with compromised respiratory systems such as asthmatics. People who show sensitivity at low ozone concentrations are more likely to experience serious side effects if exposed to a higher concentration of ozone.



Ozone Test Sticks

For Indoor and Outdoor Ambient Air Measurement

Principle of Operation

Ozone Test Sticks are chemically treated to react with ozone. Easy to use, simply place a test stick in the area to be tested. After 10 minutes, compare the test stick tip with the color scale on the test stick package. Results display in four distinct colors from light yellow to dark yellow. Each represents a certain level of ozone concentration ranging from < 0.045 ppm to > 0.105 ppm. The EPA has determined that high exposure levels of ozone over an eight-hour period may cause negative health effects in sensitive people. Use Ozone Test Sticks for short 10-minute samples within an eight-hour period to determine if ozone levels are remaining consistently high and if further testing is warranted.

Performance Profile

Test time:	10 minutes
Results:	Colorimetric
Measuring range:	< 0.045 ppm to > 0.105 ppm
Interferences:	Oxidizing reagents such as chlorine
Relative humidity range:	30 to 60% RH
Shelf life:	Three months after opening

Ozone Concentrations	Indication
A — up to 0.045 ppm (45 ppb)	Good
B — from 0.045 ppm to 0.075 ppm (45 to 75 ppb)	Moderate
C — from 0.075 ppm to 0.105 ppm (75 to 105 ppb)	Unhealthy for sensitive groups
D — over 0.105 ppm (105 ppb)	Unhealthy to very unhealthy

ppm = parts per million
ppb = parts per billion

Ordering Information

Description	Cat. No.
Ozone Test Sticks,* moisture-proof tube contains 50 test sticks with instructions	526-300

* *Caution: Ozone Test Sticks are not accurate for ozone generators.*

Notice: This publication is intended for general information only and should not be used as a substitute for reviewing applicable government regulations, equipment operating instructions, or legal standards. The information contained in this document should not be construed as legal advice or opinion nor as a final authority on legal or regulatory procedures.

