

# B1-L Ozone Badge



These personal ozone badges let you know if ozone is in your environment. Color changing circles let you know the approximate ozone concentration. Just clip on your shirt pocket for quick ozone awareness

## Physical Specifications:

Dimensions	10.5 cm x 5.5 cm x 0.25 cm
Weight	11-g
Refrigerated shelf life	1-year
Color change	blue to white

## Sampling Parameters:

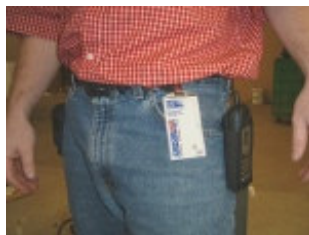
Exposure Range	0.08 - 1.6 ppm·hr
Minimum detectable limit (8-hours)	0.006 ppm
Maximum recommended sampling time	10-hours
Minimum recommended sampling time	5 minutes
Relative humidity range	20% - 90%
Face velocity range	10 - 165 cm/sec
Temperature range	16°C - 30°C (60°F - 86°F)
Light effect - UV (direct sunlight)	not recommended
Light effect - visible	no effect

## Applications:

This ozone badge can be used for personnel or area monitoring for exposure times ranging from 15 minutes to 2 days.

## Cross Interferences:

Chlorine does not affect the performance of the monitor. Hydrogen peroxide is a known interference. Up to 0.3 ppm nitrogen dioxide shows no interference. Exposure to 0.5 ppm nitrogen dioxide for 5 hours causes false positive readings equivalent to 0.04 ppm ozone; exposure to 1 ppm nitrogen dioxide for 3 hours causes false positive readings equivalent to 0.04 ppm of ozone. No further interferences are known.



Clip them on your shirt or pants for personal safety, or on equipment to detect for leaks.

**Immediate Availability**



**Price: \$137** for a box of 10 – shipped via FedEx 2-day.