

Consumer Education

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Safety Background

- Independent
- Not-for-profit
- Focused on safety evaluations
- Global

Crunching Numbers

- Evaluates 19,000 different products
- More than 100,000 investigations
- 6000 employees
- More than 1/2 million factory inspections
- 21 billion UL marks
- Safety testing for over 110 years

Carbon Monoxide

- Incomplete combustion of carbon
- UL 2034
- 17 component standards
- March 8, 2007 requirements

Revised Requirements

- No power switch
- 30% accuracy on readouts
- Low humidity operation
- Recreational boating requirements

Table 38.1 revised November 14, 2001

A. Carbon monoxide concentration and response time

Concentration, ppm	Response time, minutes
70 ±5	60 - 240
150 ±5	10 - 50
400 ±10	4 - 15

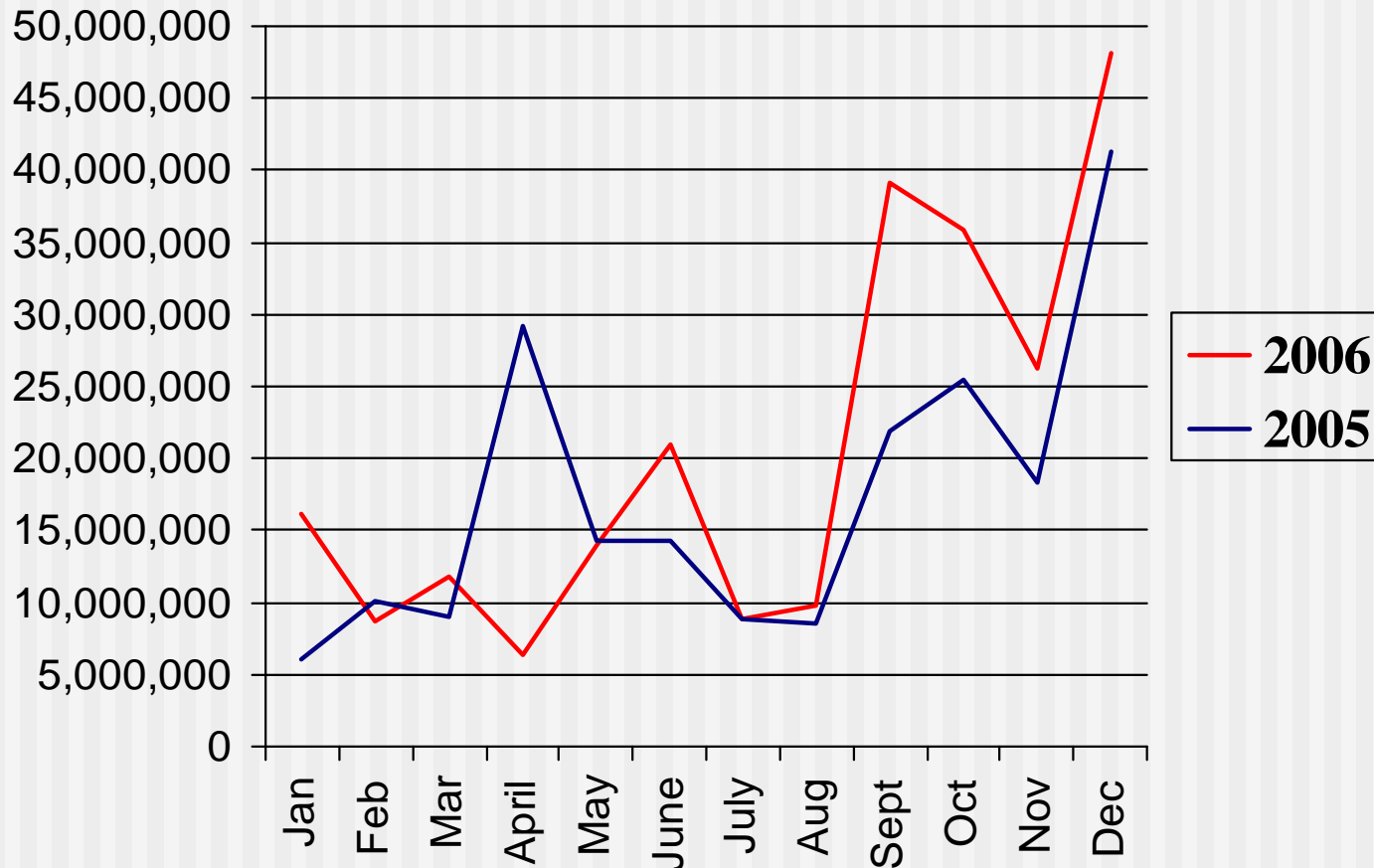
B. False alarm - carbon monoxide concentration resistance specifications

Concentration, ppm	Exposure time, (no alarm)
30 ±3	30 days
70 ±5	60 minutes

Steps to Mitigate

- Good safety standards
- Test and certify product
- Get the word out

Media Outreach



Media Success

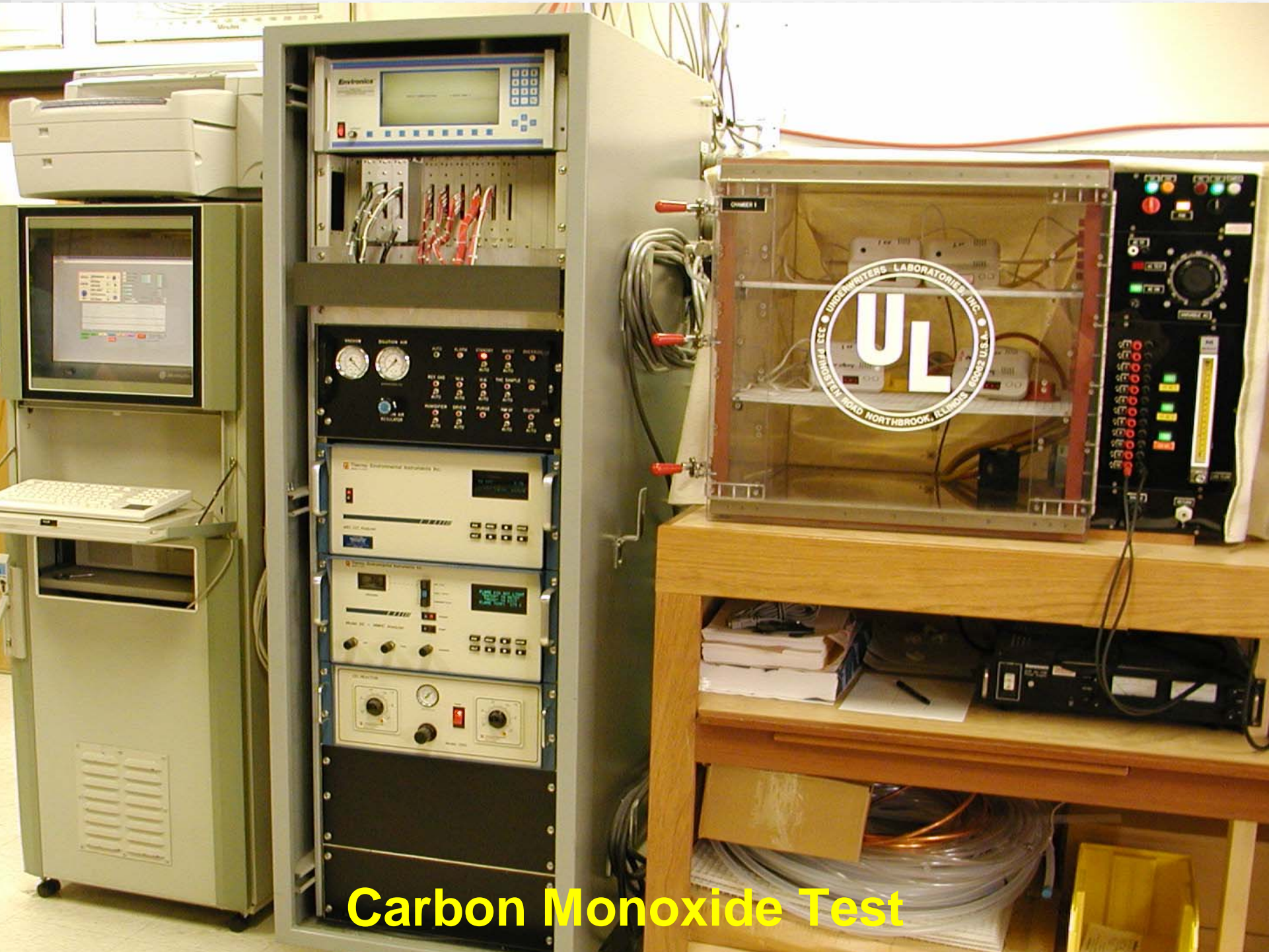
- Total 2006 placements: 1,971
- Total consumer audience 235 M
- Web based newsroom launched

Safety Education

- Web sites
- Media
- Fire departments
- Kids tours of UL

Most Important Points

- Consumers must **have** a CO alarm
- **Check** it regularly
- **Maintain** batteries
- **Understand** what to do



Carbon Monoxide Test

Thank You – Stay Safe

