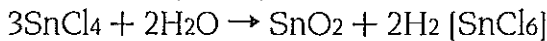


# No.500 Smoke Tester Kit

Air flows and their velocities can be visually confirmed using the No. 500 Smoke Tester Kit. Break off both ends of a smoke generation tube and connect the tube to the rubber bulb. When you squeeze the bulb, the reagent (stannic chloride) in the tube reacts with moisture in the air, generating white smoke (stannic oxychloride). A single tube can be repeatedly used for many tests. Seal the tube ends with the rubber caps provided, and the tubes can be reused. When the reagent in the tube is entirely consumed, the whole layer of the tube turns to salmon pink and smoke will not be generated further.

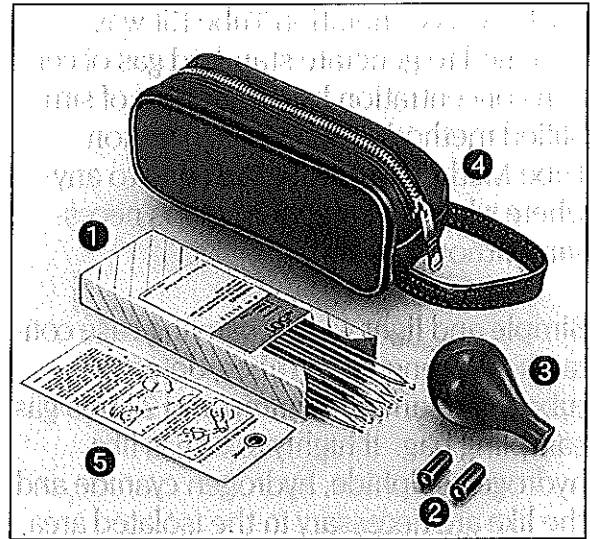
● **Reaction principle**



Warning: Take care not to breathe in this smoke directly which may cause irritation to the mucous membranes.

● **Application examples**

- Tracing of gas or particle diffusion or stagnation
- Selection of gas sampling points for working environment monitoring
- Determination of the installation point or performance testing of ventilation system
- Air leakage testing of respirator (OSHA protocol )



## ■ No.500 Smoke Tester Kit configuration

Components	Quantity
No.501 Smoke Generation Tubes (Photo ①) (with 6 rubber caps) (Photo ②)	6 tubes/box
Rubber bulbs (Photo ③)	1
Carrying bag (Photo ④)	1
Instruction sheet (Photo ⑤)	1