

# REALISTIC HEAVY SMOKE TRAINING ENVIRONMENTS WITHOUT THE TOXIC EXPOSURE



## Creating Large-Scale Fire Training Scenarios with SG4000™ Smoke Generators



Clean,  
safe and  
dense  
smoke  
generation

LION SG4000 Smoke Generators continuously produce the best smoke possible for fire and emergency services training. Built on steel chassis with all metal structural components, these smoke generators are made to handle the toughest training demands.

SG4000 Smoke Generators are ready to run continuously within 4 to 6 minutes so you can spend more time training and less time waiting for your generator to heat up.

Plus, they wirelessly sync with our other training tools to help you create a training environment so real your trainees' palms will sweat.

### **BUILT FIREFIGHTER TOUGH**

The SG4000 is built to handle the demands that come with intense training. Whether you are doing search and rescue, ventilation or initial fire attack drills, LION Smoke Generators don't stop until your training is done.

### **SMOKE LIKE NO OTHER**

The dual core heater means our generators create endless amounts of smoke so thick and dense you'll swear there's a real fire in the building. Continuous smoke production means your training area gets smoked out, and stays

smoked out, until you're worn out. And because keeping you safe and healthy is our number one priority, our smoke has virtually no traces of toxins or harmful chemicals. You and your trainees can get the most from your training without all the health risks.

### **SMOKE WHEREVER YOU NEED IT**

LION's SG4000 Smoke Generator is portable enough to be moved, but tough enough to handle firefighter training thanks to build-in handles, steel chassis and rubberized feet.

# SG4000

# SMOKE TRAINING WITHOUT TOXIC EXPOSURE



## AVAILABLE PRODUCTS:

- A. SG4000 Smoke Generator
- B. SG4000 Transport Case
- C. LION Smoke Liquid
- D. Smoke Generator Cleaning Solution
- E. SG4000 Wireless Remote
- F. Flexible Smoke Duct Set

NOTE: Product availability and design may differ based on market location.

## Specifications

### PATENTED FEATURES

Instead of a constant flow of smoke liquid and a wide range of heater temperatures, LION's SG4000 Smoke Generator controls the amount of LION Smoke Liquid delivered to the heaters to precisely balance the heat transfer, ensuring a constant temperature and a constant supply of high quality smoke.

This balance is achieved through the generator's advanced sensors and controls. This technology not only provides a continuous supply of smoke, but also ensures the highest quality smoke possible with minimal burnt or un-vaporized particles.

By closely controlling smoke production and LION Smoke Liquid consumption, SG4000 Smoke Generator achieve a higher efficiency for reduced operating costs.

### PHYSICAL SPECIFICATIONS

- ▶ **Supply Voltage:** 110–120 V~60Hz 14.5 amps (230V~ 60Hz EU model)
- ▶ **Power Consumption:** Max. 1800W
- ▶ **Dimensions:** 12.5" × 19.25" × 7.5" (53 × 33 × 26 cm)
- ▶ **Weight:** 45 lbs. (18.4 kg)

- ▶ **Power Cord:** 10 ft. (3×1 mm<sup>2</sup>, length 5 metres)
- ▶ **Tank Capacity:** 5 litres/1.25 gallons
- ▶ **Consumption of Smoke Liquid During Continuous Running:** 2.6 liters/hr.
- ▶ **Operating Temperature:** 30°F to 90°F (-10 °C - 30 °C)
- ▶ **Smoke Production:** 4000 ft<sub>3</sub>/min (630 m<sub>3</sub>/min, Boost and 450 m<sub>3</sub>/min, Continuous)

### SPECIAL FEATURES

- ▶ Electronic timer
- ▶ Variable user-selected smoke quantity and duration

- ▶ Electronic fault indicators provided on the display
- ▶ Fitted with two handles for ease of transport
- ▶ Monitoring of temperature of outer cover
- ▶ Heating element direct temperature sensor
- ▶ Two mechanical temperature sensors
- ▶ High-pressure industrial vacuum pump
- ▶ Asbestos-free insulation
- ▶ OPTIONAL: Remote control with 15 ft. (5 metre) cable or wireless controller

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SG4000



## Popular Packages

COMPONENT	BASE
SG4000™ Smoke Generator, V2	1
Smoke Liquid (20 Liter)	1
5 Liter Cleaning Solution for Smoke Generators	1
ADD ONS	QTY
SG4000™ Smoke Generator Transport Case (Non wifi)	1
SG4000™ Smoke Generator Wireless kit	1
Flexible Smoke Duct Set for Smoke Generators	1