Smoke Generator

CATALOG

- Fire and Emergency Services -

The Most Realistic Smoke for Fire Training
ST-10 Smoke Machine

Superior Signal Company LLC has provided training smoke to the fire fighting industry for over 60 years! We know what you need in a smoke machine, and the ST-10 is it! With a powerful 1500 watt heating core, and reliable high pressure piston pump, this machine delivers an impressive output of up to 20,000 cfm, at a price affordable for any department. The ST-10 will quickly fill your training area with dense, persistent, non-irritating smoke with excellent obscuring power.

Features:
- Fully Adjustable Output
- Quick Warm-up Time
- Non-Irritating Smoke
- Extremely Easy to Use
- Thermal Cut Off
- Adjustable Manual or Interval Timed Output
- Reliable High Pressure Pump
- LED Gives Ready Status
- High Output, Low Cost
- Optional Wireless Remote (Call Factory)

Specs:
- Maximum Output: 20,000 CFM
- Continuous Output: 6,000 CFM
- Power: 110/120v 60Hz or 220/240v 50Hz
- Circuit Breaker: 110v/15amp, 220v/7amp
- Warm-up Time: Approx. 10 min.
- Heater: 1500 watt
- Fluid Capacity: 1 Gallon
- Weight: 30 lbs
- 1 Year Warranty

RUGGED - DEPENDABLE - AFFORDABLE

ST-10 Smoke Machine

There are a lot of options out there when selecting a Smoke Machine - many companies offer low grade "consumer" or "theatrical" machines that rarely last a season, while others sell overpriced machines with useless bells & whistles that are out of reach for all but the largest fire departments. In the end what really matters is Smoke Output, Reliability, and Price... in other words, VALUE! The Superior ST-10 Smoke Machine puts out the most smoke of any 110 volt unit, is backed by a full one year warranty and priced right. Superior Signal Company also offers full in-house repair services and replacement parts.

Features:
- Proprietary water / glycol based formula
- Odorless and non-irritating
- Can be used in most competitive machines
- 100% virgin USP pharmaceutical grade

1 gal Jug  SKU: C11
5 gal Pail  SKU: C11-5
55 gal Drum SKU: C11-55

XP “High Density” Smoke Fluid

Features:
- Extremely high density and duration (XP)
- More smoke with less fluid (XP)
- Odorless and non-irritating
- Can be used in most competitive machines
- 100% virgin USP pharmaceutical grade

1 gal Jug  SKU: C11XP
5 gal Pail  SKU: C11XP-5
55 gal Drum SKU: C11XP-55

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FUSE LIT Smoke Candles

AFFORDABLE & EFFECTIVE TRAINING SMOKE

High volume Superior® Smoke Candles are the simplest and most cost effective way to generate smoke for fire training. Disposable and easy to use, Smoke Candles are a safer and more effective alternative to burn barrels. Perfect for use in burn buildings, acquired structures, vehicle fire simulations, and training in remote areas. Smoke Candles feature the same dense white smoke as our Smoke Grenades.

1A Smoke Candle
Output: 4,000 CFT
Duration: 30 Seconds
Dimensions: 1 1/2” by 1 1/2”
SKU: 1A

2B Smoke Candle
Output: 8,000 CFT
Duration: 1 Minute
Dimensions: 1 1/2” by 2”
SKU: 2B

3C Smoke Candle
Output: 40,000 CFT
Duration: 3 Minute
Dimensions: 1 1/2” by 5”
SKU: 3C

W3C Smoke Candle
Output: 40,000 CFT
Duration: 3 Minute
Dimensions: 1 1/2” by 5”
SKU: 3WC

Features two fuses to allow the connection of multiple Smoke Candles

SealPac
Superior® Smoke Candles are available in "SealPac" re-sealable containers which are shipped air tight and include a desiccant pack to protect Smoke Candles from exceptionally hot and humid climates. SealPacs are perfect for individuals using Smoke Candles in hot climates or who intend to store Smoke Candles for extended periods.

Available in:

5 Candle Pack:
1A SKU: 1AF
2B SKU: 2BF
3C SKU: 3CF
W3C SKU: 3WCF

12 Candle Pack:
1A SKU: 1AT
2B SKU: 2BT
3C SKU: 3CT

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Superior Smoke Grenades produce an extremely large volume of realistic dense white smoke ideal for use in fire and disaster training. Designed to be deployed quickly and easily, pull ring Smoke Grenades require no additional source of ignition - simply pull the ring and smoke will immediately and rapidly emit from the grenade. Pull ring Smoke Grenades are ideal for fire training in burn buildings, acquired structures, remote areas, or anytime an extremely large amount of smoke is needed with the convenience of a pull ring ignitor.

<table>
<thead>
<tr>
<th>Smoke Grenade</th>
<th>Output</th>
<th>Duration</th>
<th>Dimensions</th>
<th>SKU</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sportsman Smoke Grenade</td>
<td>20,000 CFT</td>
<td>1-2 Minutes</td>
<td>1 1/2” by 2 3/4”</td>
<td>SPE</td>
<td>Features wax coating for moisture resistance and increased shelf life</td>
</tr>
<tr>
<td>Tactical Smoke Grenade</td>
<td>25,000 CFT</td>
<td>1-2 Minutes</td>
<td>1 1/2” by 4”</td>
<td>TSG</td>
<td>Features recessed smoke port for superior fire protection</td>
</tr>
<tr>
<td>Battlefield Smoke Grenade</td>
<td>70,000 CFT</td>
<td>2-3 Minutes</td>
<td>2 3/8” by 5”</td>
<td>BFG</td>
<td>Features recessed smoke port for superior fire protection</td>
</tr>
<tr>
<td>Standard Smoke Grenade</td>
<td>120,000 CFT</td>
<td>2-3 Minutes</td>
<td>2 3/8” by 5”</td>
<td>G</td>
<td></td>
</tr>
<tr>
<td>Professional Smoke Grenade</td>
<td>130,000 CFT</td>
<td>2-3 Minutes</td>
<td>2 1/2” by 5”</td>
<td>PG</td>
<td>Features wax coating for moisture resistance and increased shelf life</td>
</tr>
<tr>
<td>Professional Smoke Pot</td>
<td>500,000 CFT</td>
<td>5-6 Minutes</td>
<td>4” by 6 3/4”</td>
<td>PSP</td>
<td>Features rugged steel enclosure</td>
</tr>
</tbody>
</table>

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ELECTRIC FIRE Smoke Grenades

FOR REMOTE IGNITION & CUSTOM APPLICATIONS

Superior® Electric Fire Smoke Grenades are initiated by applying an electrical charge to the grenade via an integrated electric squib ignitor. Using our Remote Ignition System, these Smoke Grenades can be set off via remote from over 600 feet away! Ideal for remotely initiating smoke effects from a distance in multi level burn buildings or across training grounds.

Tactical Smoke Grenade (Electric Fire)
- Output: 25,000 CFT
- Duration: 1-2 Minutes
- Dimensions: 1 1/2” by 4”
- SKU: TSG-EF
- Features recessed smoke port for superior fire protection

Battlefield Smoke Grenade (Electric Fire)
- Output: 70,000 CFT
- Duration: 2-3 Minutes
- Dimensions: 2 3/8” by 5”
- SKU: BFG-EF
- Features recessed smoke port for superior fire protection

Professional Smoke Grenade (Electric Fire)
- Output: 40,000 CFT
- Duration: 1-2 Minutes
- Dimensions: 1 1/2” by 4”
- SKU: PS-EF
- Features wax coating for moisture resistance and increased shelf life
- Emits smoke from both ends for rapid smoke generation

Professional Smoke Pot (Electric Fire)
- Output: 500,000 CFT
- Duration: 5-6 Minutes
- Dimensions: 4” by 6 3/4”
- SKU: PSP-EF
- Features rugged steel enclosure
- Generates an astounding 500,000 CFT of smoke in just 6 minutes! That’s the size of a city block!
- Perfect for large outdoor training exercises and disaster simulations.

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REMOTE IGNITION SYSTEM

FOR REMOTE IGNITION & CUSTOM APPLICATIONS

The Superior Electric Fire - Remote Ignition System (EFS-RIS) is a wireless programmable firing system designed to initiate Smoke Grenades on command from 600+ feet away. The Remote Ignition System is ideal for fire training exercises where instantaneous smoke is needed in multiple locations or in intervals, at the push of a button!

Electric Fire—Remote Ignition System (Mod 2)

- Field Modules: 2
- Firing Current: 4-5 Amps
- Range: 600+ Feet
- Case: 13" x 9.25" x 5"
- Kit Weight: 4 lb (approx)
- SKU: EFS-RIS2

Electric Fire—Remote Ignition System (Mod 4)

- Field Modules: 4
- Firing Current: 4-5 Amps
- Range: 600+ Feet
- Case: 13" x 9.25" x 5"
- Kit Weight: 4 lb (approx)
- SKU: EFS-RIS4

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CARRYING SYSTEMS

FOR SECURE TRANSPORT AND QUICK DEPLOYMENT

Our American Made Smoke Grenade Pouches are PALS/MOLLE compatible and designed to fit most Sport Smoke, Superior and M-18 Smoke Grenades. These pouches feature Mil-Spec webbing, reinforced bar tack stitching, and 1000 Denier Nylon fabric for excellent durability and light weight. The modular design allows for the quick addition or removal of extra pouches to accommodate various smoke grenade load-outs. Sport Smoke Pouches are MADE IN AMERICA and Berry compliant. Available in Black, Coyote Brown, Multicam, and OD Green.

BattleField Smoke Grenade Pouch
Fits:
- Sport Smoke BattleField Smoke Grenade
- Superior Smoke Grenade
- Superior Professional Smoke Grenade
- M-18 Smoke Grenade

Berry Compliant

Tactical Smoke Grenade Pouch
Fits:
- Sport Smoke Tactical Smoke Grenade
- Sport Smoke PB-400
- Superior Professional Smoke

Berry Compliant

Sport Smoke Bandolier
Features:
- MOLLE Webbing
- Fully Adjustable Length

Berry Compliant

VISIT US AT THE FDIC SHOW