



Smoke Generator **CATALOG**

- Fire and Emergency Services -



The Most Realistic Smoke for Fire Training

Superior Signal Company LLC
178 West Greystone Road
Old Bridge, NJ 08857

T: 732-251-0800
F: 732-251-9442
info@superiorsignal.com

www.SuperiorSignal.com

ST-10 Smoke Machine



RUGGED - DEPENDABLE - AFFORDABLE

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.

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:

- 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

Standard Smoke Fluid

Features:

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

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



1 gal Jug



5 gal Pail



55 gal Drum

Superior Signal Company LLC

178 West Greystone Road
Old Bridge, NJ 08857

T: 732-251-0800
F: 732-251-9442
info@superiorsignal.com

www.SuperiorSignal.com

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:

12 Candle Pack:

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

SKU: 1AT
 SKU: 2BT



Superior Signal Company LLC

178 West Greystone Road
 Old Bridge, NJ 08857

T: 732-251-0800
 F: 732-251-9442
 info@superiorsignal.com

www.SuperiorSignal.com

PULL RING Smoke Grenades



MASSIVE SMOKE OUTPUT, FAST & RELIABLE IGNITION

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.



Sportsman Smoke Grenade

Output: 20,000 CFT
 Duration: 1-2 Minutes
 Dimensions: 1 1/2" by 2 3/4"
 SKU: SPE

Features wax coating for moisture resistance and increased shelf life



Tactical Smoke Grenade

Output: 25,000 CFT
 Duration: 1-2 Minutes
 Dimensions: 1 1/2" by 4"
 SKU: TSG

Features recessed smoke port for superior fire protection



Battlefield Smoke Grenade

Output: 70,000 CFT
 Duration: 2-3 Minutes
 Dimensions: 2 3/8" by 5"
 SKU: BFG

Features recessed smoke port for superior fire protection



Standard Smoke Grenade

Output: 120,000 CFT
 Duration: 2-3 Minutes
 Dimensions: 2 3/8" by 5"
 SKU: G



Professional Smoke Grenade

Output: 130,000 CFT
 Duration: 2-3 Minutes
 Dimensions: 2 1/2" by 5"
 SKU: PG

Features wax coating for moisture resistance and increased shelf life



Professional Smoke Pot

Output: 500,000 CFT
 Duration: 5-6 Minutes
 Dimensions: 4" by 6 3/4"
 SKU: PSP

Features rugged steel enclosure

Superior Signal Company LLC

178 West Greystone Road
 Old Bridge, NJ 08857

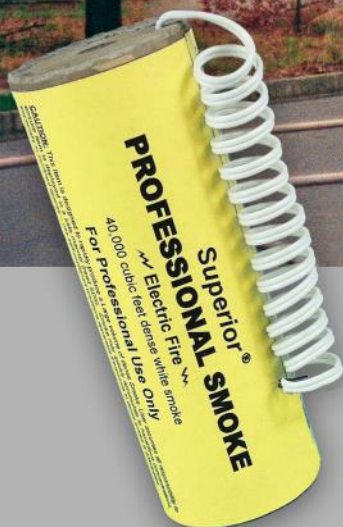
T: 732-251-0800

F: 732-251-9442

info@superiorsignal.com

www.SuperiorSignal.com

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 Grenade (Electric Fire)

Output: 130,000 CFT
Duration: 2-3 Minutes
Dimensions: 2 1/2" by 5"
SKU: PG-EF

Features wax coating for moisture resistance and increased shelf life



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.

Superior Signal Company LLC

178 West Greystone Road
Old Bridge, NJ 08857

T: 732-251-0800

F: 732-251-9442

info@superiorsignal.com

www.SuperiorSignal.com

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



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



Black
SKU: SGP1-B



Coyote Brown
SKU: SGP1-T



Multi-Cam
SKU: SGP1-M



OD Green
SKU: SGP1-G

Tactical Smoke Grenade Pouch

Fits:

- Sport Smoke Tactical Smoke Grenade
- Sport Smoke PB-400
- Superior Professional Smoke

Berry Compliant



Black
SKU: SGP2-B



Coyote Brown
SKU: SGP2-T



Multi-Cam
SKU: SGP2-M



OD Green
SKU: SGP2-G



Sport Smoke Bandolier

Features:

- MOLLE Webbing
- Fully Adjustable Length

Berry Compliant
SKU: SGB-B

VISIT US AT THE FDIC SHOW



Superior
SMOKE

Superior Signal Company LLC
178 West Greystone Road
Old Bridge, NJ 08857

T: 732-251-0800
F: 732-251-9442
info@superiorsignal.com

www.SuperiorSignal.com