



Applied Physics, Inc.

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Nano Particle Technology

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FOG-GUN™ Clean Room Fogger



The patented ultrasonic FOG-GUN™ produces, a cool, non-contaminating visible vapor, with on/off power capabilities. The Fog is composed of DI water droplets (fog). The fog is used for analyzing airflow patterns in clean spaces or around equipment. The fog is generated by ultrasonic transducers. They are powered by a remote 48VDC rechargeable battery pack. The transducers have a normal life of 10,000 hours but can burn out prematurely if operated dry. To protect them a level sensor and tilt switch are utilized.

PORTABILITY



The FOG-GUN™ is truly portable. The convenient shoulder harness allows the technician to conduct tests without the bother of power cords, etc. Either the **TRIGGER MODE** or **CONTINUOUS MODE** can be used in this configuration. For continuous use the FOG-GUN™ is conveniently attached to the shoulder harness/battery pack frame for hands-free testing.

SPECIFICATIONS

DIMENSIONS: 10" x 7" x 11.5" (254 x 178 x 292)

DI WATER CAPACITY: 300ml

FOG LIFE: 30-40 minutes

BATTERY CHARGER INPUT PWR: 110 – 240VAC

WEIGHT: 5.2 lbs. (2.36 Kg)

BATTERY LIFE: ~40 Minutes

FOG DISTANCE: 3 feet (0.9m)

BATTERY CHARGING TIME: 6-8 hours



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FOGGER MODES of OPERATION



- **TRIGGER MODE:** With the MODE switch in this position fog will be generated as long as the trigger is depressed.
- **CONTINUOUS MODE:** With the MODE switch in this position fog will be generated continuously.
- **NOTE:** Either mode can be used with the FOG-GUN™ using the shoulder mount or on a work surface.

FOGGER COMPONENTS



- FOG-GUN™
- Battery Pack (2)
- Battery Charger
- Power Cable
- Battery Cage
- Shoulder Harness
- Rolling Storage & Transport Case



Notes:

1. The fog generated by this device contains microscopic droplets of DI water.

AVOID USING IN IMMEDIATE VICINITY OF ELECTRICAL APPLIANCES, WATER SENSITIVE PRODUCTS AND EQUIPMENT.