



Nano
Particle
Technology

Applied Physics, Inc.

PO Box 549
Niwot, CO, USA 80544

Tel 1-303-678-9102 Fax 1-303-678-9103
Cel 1-720-635-3931
Email Sales@AppliedPhysicsUSA.com
WEB www.AppliedPhysicsUSA.com

FogGun™ Di Water Fogger

The patented, ultrasonic **FogGun™**, portable, Di Water Fogger produces a cool, non-contaminating, “ON DEMAND”, visible vapor 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, which are powered by a remote 48VDC rechargeable battery pack. The transducers have a normal life of 10,000 hours. To provide high reliability of the portable fogger while in operation, a level sensor and tilt switch are utilized to prevent transducer damage.



Portability

The FogGun™ is truly portable with a convenient shoulder harness allowing the technician to conduct tests without the bother of power cords connected to the wall. Either the **TRIGGER MODE** or **CONTINUOUS MODE** can be used in this configuration. For continuous use the FogGun™ is conveniently attached to the battery pack frame for hands-free, airflow visualization.



FogGun™ Modes

- **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 FogGun™ when operated from the shoulder mount or a flat work surface.



Components

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



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 VOLTAGE: 110VAC – 240VAC

WEIGHT: 5.2 lbs. (2.36 kg)

BATTERY LIFE: ~40 MINUTES

FOG DISTANCE: 3 feet (0.9m)

BATTERY CHARGING TIME: 6-8 hours

Note: 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.**