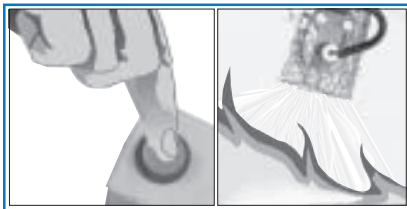


EDM Fire Guardian II

The Ultimate Automatic Fire Extinguisher & Alarm System for Your Sinking EDM Machine

Even in the most professionally managed sinking EDM operations, the possibility of fire exists in the dielectric tank. Many tragic fires have occurred when dielectric fluids or gasses have been ignited during EDM operations by the electrical discharge spark in the gap.

Fire Guardian II is the latest design update to the well-known and widely used Fire Guardian product developed by Intech EDM many years ago. Automatically activated by heat, or manually by machine-mounted push button, the system floods the work tank with proven Halon 1211 vapor,



Manual or Automatic Activation

extinguishing a fire in just seconds. When activated, the system shuts down the machine's power supply to prevent re-ignition, and it sounds a loud warning horn.



- Halon vapor dissipates quickly, leaves no residue, and it's nontoxic – won't contaminate your dielectric fluid.
- Can cover a work tank area of up to 8 square feet.
- Easily installed on any sinking EDM machine; operates on standard 115/120V AC. Systems come complete with mounting brackets, warning horn/smoke alarm, control box with manual push button, and wiring.
- Automatically activates at 154°F; activates manually with machine-mounted push button.
- Warning horn is also a smoke alarm; can alert you of heavy smoke emissions which may precede a fire.
- Automatically shuts down EDM machine power supply to prevent re-ignition.
- Single or dual extinguisher systems; two sizes.
- Reduces insurance costs*.

* Consult your insurance carrier. Important Note: Fire Guardian II is not intended for "lights out", completely unmanned operation, and any use in such manner is done at the machine owner's own risk.

Intech Knows Safety

INTECH EDM®



EDM Fire Guardian II



- ① Halon** extinguisher including temperature sensor and wiring leads
- ② Mounting bracket
- ③ Combination warning horn/smoke alarm
- ④ Control box with manual push button and system "On" light

Size Recommendations

- Model L-2 has 2 – 2-3/4 lb. extinguishers and can cover a tank size up to 4 sq. ft. in area.
- Model L-4 has 2 – 5 lb. extinguishers and can cover a tank size up to 8 sq. ft. in area.
- It is recommended that 2 extinguishers be used on normal installations because the ram or quill partially blocks the vapor spray pattern from a single extinguisher. The extinguishers should be mounted as close to the work area as possible and pointed directly at the electrode.
- Under ideal conditions (no blockage from flush nozzles, tooling, etc.), a small, bench-type machine may utilize a single extinguisher.
- If in doubt, please consult Intech EDM. Recommendations and technical assistance are available to help you select the correct system and also to guide you through the installation process.

Ordering Information

Catalog No.	Description
AZ9168	Model L-2 System: 2 2-3/4 lb. extinguishers, mounting brackets, control box with push button, warning horn/smoke detector, wiring and instructions
AZ9169	Model L-4 System: 2 5 lb. extinguishers, mounting brackets, control box with push button, warning horn/smoke detector, wiring and instructions
AZ9170	Model L-2(1) System: 1 2-3/4 lb. extinguisher for single coverage, mounting bracket, control box with push button, warning horn/smoke detector, wiring and instructions
AZ9171	Model L-4(1) System: 1 5 lb. extinguisher for single coverage, mounting bracket, control box with push button, warning horn/smoke detector, wiring and instructions
AZ9172	Additional L-2 2-3/4 lb. extinguisher complete with sensor and wire leads
AZ9173	Additional L-4 5 lb. extinguisher complete with sensor and wire leads
AZ9174	Additional mounting bracket
AZ9276	Refill/recondition and recharge your used L-2 2-3/4 lb. extinguisher bottle;
AZ9177	Refill/recondition and recharge your used L-4 5 lb. extinguisher bottle

** EDM Fire Guardian II utilizes re-cycled Halon 1211, which is readily available and approved for this application.

INTECH EDM®

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