



AFM35 Cleanroom Fogger



Fogger Design	AFM35 Cleanroom Fogger has 4 transducers, 3 sets of 10 and 1 set of 5 piezos, total 35 piezos. It generates about 1.4 cubic meters pure fog / minute during a typical for a typical 45 minutes operation. The enclosure is produced from 316L, electro-polished, stainless steel with one 80mm Fog Outlet and two Carry Handles with 11.5 Liter Water fill.
Fog Application	Smoke Studies using an AFM35 Cleanroom Fogger in 2x10' BSCs, Barrier Isolators, Glove Boxes, small ISO Suites
Fog Volume	≈ 1.4 Cubic Meters pure fog per minute through one 80mm fog outlet
Fog Duration	≈ 45 minutes
Visual Airflow Distance	≈ 11-12 feet using the single 80mm fog outlet
Liquids Used	≈ 40°F De-Ionized (DI) Water, Sterile Water or Water for Injection (WFI) Water
Optional Accessories	1.2 M x 80mm Fog Rake, Wireless Remote Control, 3Mx80mm Fog Hose, Rolling Carry Case, 80mm Y adaptor w/ Butterfly Valves, LED Multi-Color Contrast Light
Power	Internal power supply: 115 VAC, 60 Hz or 220 VAC, 50 Hz; or 100VAC

AFM35 Cleanroom Fogger for airflow visualization studies and smoke studies and produces 8-10 micron fog droplets to create about 1.4 cubic meters / minute of pure fog, which is directed through and 80mm fog outlet. 80mm fog hoses and 50mm fog hoses are available with a variety of fog hose attachment accessories. This smoke generator is produced in a 316L brushed stainless-steel design and has two Carry Handles, and a 11.5 Liter Water fill. The AFM35 provides adjustable fog volume and adjustable fog velocity through the touch pad control, and also offers an optional wireless remote control of fog volume and fog velocity. The AFM35 is used in airflow visualization studies and smoke studies inside large Barrier Isolators and Bio-Safety Cabinets, BSC, and can be operated remotely, from outside the Isolator or BSC by the Lab Technicians and Metrology Engineers using optional Wireless Remote Control. The fogger can also be operated directly using the touch pad controls, allowing the fog velocity and fog volume to be directly controlled for your smoke study.