

*Welcome to the Next Generation
in Mist & Smoke Collectors...*

TRI-MIST 1000

HIGH EFFICIENCY MIST & SMOKE COLLECTOR



- Effective on All Metal Working Fluids
- Low Maintenance
- Low Operating Cost
- Performance Guaranteed



TYPICAL APPLICATIONS:

- ▲ Swiss Lathes
- ▲ Vertical Machining Centers
- ▲ Horizontal Machining Centers
- ▲ Thread Grinding
- ▲ Rotary Transfer Machines
- ▲ Gear Hobbers
- ▲ Water Jet Deburring
- ▲ Screw Machines
- ▲ High Speed Grinders
- ▲ OD Grinders
- ▲ Machine Tools with Mist & Smoke Problems

TRI-MIST 1000

Features & Specifications

High Efficiency Mist & Smoke Removal

Up to 99% per ASHRAE 52.2. Effective on all metal working fluids.

Economical Operation

Triple-Pass ESP Technology operates on less than 450 watts and does not require disposable filters.

Easy Installation

The TRI-MIST 1000 is compact and can be direct mounted to the machine tool enclosure. Optional flex-duct and inlet plenum options allow for ceiling, wall or floor mount installations.

Performance Guaranteed

Buy our new TRI-MIST 1000 under our performance guarantee, and if you are not satisfied, return it for a full refund.

Warranty

The Tri-Mist has the longest warranty in its class with a 48 month limited warranty. Better built – Better backed!

Specifications:

Dimensions: 26" x 13.75" x 26"
Inlet Opening: 16.70" x 9.10"

Cabinet: 16 ga. Steel welded with chemical resistant powder paint

Weight: 115 lbs Installed;
145 lbs. Shipping

Efficiency: Up to 99% per ASHRAE 52.2

Filtration:

1st Stage – two 2" mechanical impingers.

2nd Stage – ESP cell 53 sq. ft. of surface area (Minimum voltage gradient is 20,000 volts per inch.)

3rd Stage – ESP cell 53 sq. ft. of surface area.

4th Stage – ESP cell 53 sq. ft. of surface area.

5th Stage – 1" thick post filter

6th Stage – Optional HEPAMAX filter rated at 99.97% DOP @ .3 micron.

Airflow:

50-1000 CFM

ESP Power Supply: Solid-state & self-regulating.

Electrical Rating:

115 V, 60 HZ, 4 amps.
200-240 V, 50-60 HZ, 2 amps.
400-480V, 50-60 HZ, 1 amp
Voltage must be specified when ordered. Input voltage cannot be changed in the field.

Impeller: Vibration free, backward curve rated at 1100 cfm @ 0.0" w.g.

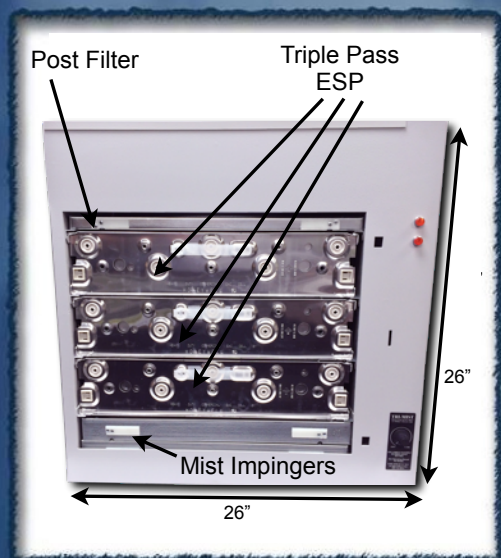
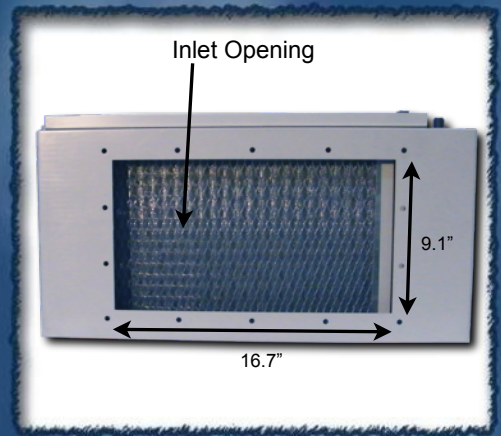
Sound Levels: 69 dBA

Additional Features:

- Triple Pass ESP Technology
- Coated cells
- Motor and control prewired
- Variable Speed Controller
- Four year parts warranty

Optional Accessories

- Source capture plenums
- 6th Stage HEPA, 99.97% @ 0.3 micron
- Floor mount stands
- Ceiling hanging kit
- Flex Duct



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