

İTERSONİK

MİSCO

Vapor-Mist and Smoke Collector



MISCO

Vapor-Mist and Smoke Collector

- It is a water vapor, aerosol, smoke, oil mist filtering / separating device.
- Also allows condensing and recycling the condensed liquid back to the sump. The particulate-smoke-gas-water in the air sucked in is filtered through the vapor separation units.
- The saturated oil-water etc. contained in the air is also separated and recovered, and the air is cleaned by 98% of the dry air.
- Removal of parts washing machines vapor-mist.
- Welding fumes.

Oily air off CNC machines

- In the industry and even In the industrial kitchens a lot of oil mist, various gases, fumes and dusts are mixed into the air and create a risk of fire. In addition, they are inhaled by workers and cause damage especially to the lungs, respiratory tracts and other vital organs.
- For this reason, harmful substances such as gas, dust, smoke and similar substances must be cleaned by absorbing harmful substances in terms of safety and health.

Application Areas

- Parts washing machines
- Welding fumes
- Allows removal of oil vapor and recovery of existing fluid in CNC machines
- Automotive - Metal Processing - Food Industry - Industrial Kitchens - Steel - Casting - Chemical Industries etc.

Working Principle

The above system shows the working principle

- Entry of dirty smoke -vapor- mist
- Condensation with laminar flow over the walls
- Disintegration of the particles passing through the filter
- Recycling of condensing liquid
- Dry and clean air evacuation

