

MIST COLLECTOR

DMG Series

Centrifugal oil mist collector

New type of oil mist collector with centrifugal + filter

Solve all kinds of oil mist collection and purification problems for you!

Applicable to Machining center / CNC lathe / milling machine / drilling and tapping machine / walking machine / grinder / cleaning machine, etc



■ Feature

Large air volume and low energy consumption

- Equipped with high efficiency fan, large air volume can be realized with low energy consumption

Small size and light weight

- We use centrifugal structure design, so the machine is small and light
- The installation space is saved and the installation is more convenient.

Combination of centrifugal and filter

- The filter cotton further improves the filtering accuracy and efficiency of the centrifugal structure
- According to the demand, two different after-filters can be selected to achieve higher filtering effect.



■ Working principle

The air containing oil mist is sucked into the oil mist collector and filtered through the following three steps.

- First, centrifugal separation. Driven by the high-speed rotating impeller, the rotating airflow spirals upward, and the oil mist particles are thrown to the inner wall of the machine by centrifugal force to achieve separation.
- Secondly, filtered through multiple layers of filter.
- Finally, filtered again through a high-efficiency filter. Suitable high-efficiency filters are selected for different working conditions of oil mist, which can effectively purify the smog of 0.3 micron level.

