

# Super Micro Oil-Mist Lubricator



 Paul Yang Trading Business Co., Ltd

 TEL: 886 4 2298 6068
 FAX: 886 4 2298 7968

 http://www.pytb.com.tw

Thank you for refer our Super Micro Oil-Mist Lubricator, to avoid make you confused by the experience of traditional oil-mist or oil-air lubrication, we need take you a few minutes to look through the following information: Everyone well understood all type of oil/air mixing lubrications could be the benefits of lubrication, cooling, sealing, but their application image and effect are entirely different.

Oil-air lubrication used a constant air pressure , take a fixed quantity oil through the clean pipeline to the bearing or gear which needs to lubricate • Oil-mist lubrication used a constant air pressure , send a fixed quantity oil into atomizor , penetrates the distributor and continually supply oil fog to bearing or gear which needs to lubricate.

Super Micro-Mist used the same lubrication principle with Oil-mist, but the super micro-mist can make the more lightly oil fog (which is much smaller than the oil mist), therefore Super Micro-Mist can service a long lubrication distance from Super Micro-Mist Lubricator to bearing or gear.

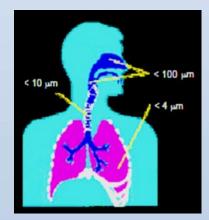
The most of important, due to the micro oil granule is easy to enter in bearing or gear , therefore very suitable for all high speed spindle lubrication, especially oil-mist or oil-air lubrication can't achieve the competent situation  $\circ$ 

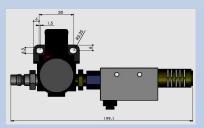
# Super Oil Mist Lubricator core technology

- How to precisely control the amount of oil supplied each time?
- How to ensure the oil get 100% atomization?
- How to reduce oil consumption?
- How to improve lubrication reliability?
- How to monitor oil and air always well supply?
- Why can't expected good lubrication effect?
- Which type of oil can provide the most perfect lubrication and cooling effect?

# PY-OM-CATCHER

- Very high efficiency to catch surplus oil mist.
- Lower air pressure can achieve higher exhaust effect.
- Eliminate air contamination concerns and reduce bearing temperature rise.





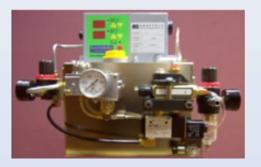
#### PY-OM-AEL-1-SA



#### PY-OM-AEL-2-SA



#### PY-OM-MPCL-1



### Product Specification

Air Requirements: 5µm filtered Operating Air Pressure: 0.25~0.6 Mpa Oil Quantity: 0.02 or 0.03 cc / per shot Oil Mist Outlet : 1~4 port Oil Supply: 2~4 Sec (adjustable) Time Interval: 8~999 Sec (adjustable) Oil Viscosity: ISO VG32~68 Oil Tank: 3000 cc Power Requirements: AC110V / AC220V Application: High speed spindle

### Product Specification

Air Requirements:  $5 \mu$ m filtered Operating Air Pressure: 0.25~0.6 Mpa Oil Quantity: 0.01 or 0.02 cc / per shot Oil Mist Outlet : 1~4 Port / 1 Unit Oil Supply: 2~4 Sec (adjustable) Time Interval: 8~999 Sec (adjustable) Oil Viscosity: ISO VG32~68 Oil Tank : 3000 cc Power Requirements: AC110V / AC220V Application : High speed/Heavy duty spindle

### Product Specification

Air Requirements:  $5 \mu$ m filtered Operating Air Pressure: 0.25~0.5 Mpa Oil Quantity: 0.002 cc / per shot Oil Mist Outlet : 1~4 port / lunit) Oil Quantity: 2~4 Sec (adjustable) Time Interval: 8~999 Sec (adjustable) Oil Viscosity: ISO VG32~68 Oil Tank : 3000 cc Power Requirements: AC110V / AC220V Application : Very high speed spindle

#### PY-OM-FQ5EL-1-SA



#### PY-OM-FQ5CL-1





#### PY-OM-AEL-1-61



### Product Specification

Air Requirements:  $5\mu$  m filtered Operating Air Pressure: 0.25~0.5 Mpa Oil Quantity: 0.05 cc / per shot 0il Mist Outlet : 1~4 port / lunit) 0il Quantity: 2~4 Sec (adjustable) Time Interval: 8~999 Sec (adjustable) 0il Viscosity: ISO VG32~68 0il Tank : 3000 cc Power Requirements: AC110V / AC220V / DC24V Application : General spindle

### Product Specification

Air Requirements:  $5\mu$ m filtered Operating Air Pressure: 0.25~0.5 Mpa Oil Quantity: 0.05 cc / per shot Oil Mist Outlet : 1~4 port / lunit) 0il Quantity: 2~4 Sec (adjustable) Time Interval: 8~999 Sec (adjustable) 0il Viscosity: ISO VG32~68 0il Tank: 3000 cc Power Requirements: AC110V / AC220V / DC24V Application : General spindle

### Product Specification

Air Requirements:  $5 \mu m$  filtered Operating Air Pressure: 0.25~0.5 Mpa 0il Quantity: 0.06 cc / per shot 0il Mist Outlet : 1~2 port 0il Quantity: 2~4 Sec (adjustable) Time Interval: 8~999 Sec (adjustable) 0il Viscosity: ISO VG32~68 0i1 Tank : 3000 cc Power Requirements: AC110V / AC220V Application : Heavy duty spindle