

## Spin Dryer

No filter method – No need to manage. **The first new Cyclone Drying type equipment**, which removes moisture and oil.

Eliminates over 99% of moisture and oil in the pressurized air!!



### Various Industrial Machines

High Speed Processor, Machining Center, Medical Food, Plastic Molding, Painting, Precision Measuring Equipment, Chemical, Various AIR Tools, Automation Equipment, etc.

TYPE	NYD301
PRESSURE	2.0 ~ 9.9 bar
AIR AMOUNT	2.5 m <sup>3</sup> /min
USE DIAMETER	½"

Applied to a situation where lots of moisture and oil generated from the pressured air.

Industrial Equipment, Painting Facilities, Measuring Equipment, Electronic Equipment, Food Air Equipment, Automation Production Lines, Various Air Tool Applications, Semiconductor Manufacturing Lines and Production of Industrial Chemicals.

TYPE	NYD302
PRESSURE	2.0 ~ 9.9 bar
AIR AMOUNT	5.0 m <sup>3</sup> /min
USE DIAMETER	1"

Applied to a situation where lots of moisture and oil generated from the pressured air.

## Free Filter

TYPE	NMF201
PRESSURE	1.0 ~ 9.9 bar
USE DIAMETER	½"
FILTER PARTICLE	Up to 2 micron
GAUGE	Available for IN and OUT display

**STRONGLY** recommended to be installed before Spin Dryer for longer life span.



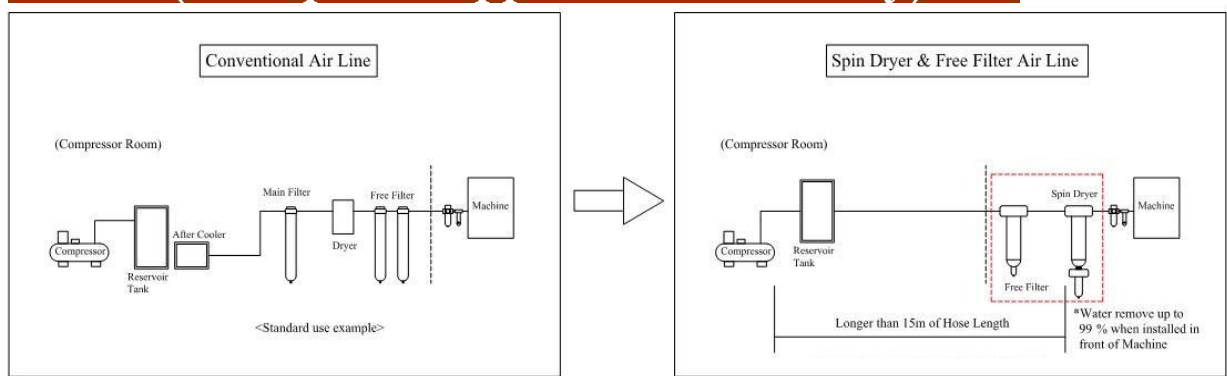
# Spin Dryer

The water and oil mist within pressurized air are pollutants, which you do not want. Most amount of moisture in the air is transformed into water (condensed water), which separates a lubricated veil protecting the function part of machine and thus promote deterioration of the machine and causes damage in the machine. Because of lubrication characteristic of oil, within the pressurized air does not attract much attention. However, the small drop of oil produces different effect when used in the process of freezing and pressurizing air with air compressor.

In the process of pressurizing, lubricant oil is heated to reach over 100°C, and is to be carbonated in an interaction of oxygen. Such a microscopic oil drop is to be condensed of the equipment is separated from the equipment, and thus lubricating efficiency of the equipment is deteriorated. Solenoids, cylinders and various precision parts turn solidified and damaged, thus incurring lots of loss. These problem will be resolved by using Spin Dryer of ASTech. Spin dryer is designed in a special structure, thus eliminating over 99% of moisture and oil.

In addition, Spin Dryer is designed in a method of automatic emission and no filter, allowing you to use it conveniently without further maintenance and management.

## CASE (example of application assembly)



## Characteristics & Strengths of the Product

- The product is certified by the Machinery & Equipment Oil Test Research Institute.
  - Omitting all line filters in the intermediate process, including air dryer.
  - Not necessary to have maintenance and repair because it is based on collision and separation and spin drying method.
  - The product can be used almost permanently.
  - Does not need any electric source or power.
  - The efficiency does not deteriorate even though the product is used longer.
  - The first spinning product developed in market.
  - Price is economical and reasonable.
  - Product of other companies eliminate only moisture, but our product eliminates over 99% of both moisture and oil.
- \* No need for a dryer cooler filter up to air compressor of 1HP – 50HP



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Please be aware that we are not responsible for the product, in case the product was decomposed or repaired at your discretion.