USE SUN-DRAIN + OIL FRANTZ

FOR A MORE PERFECT RESULT!

Sun-Drain and Oil Frantz can be used separately, but are even more effective combined.

APPLICATIONS
- Industrial pneumatic devices
- Spray coating devices
- Pneumatic devices for instrumentation and measurement
- Electronic devices
- Pneumatic devices for food processing
- Pneumatic tools, etc.

QUALITY ASSURANCE!
For air blowers (air guns), use ECO SUN-DRAIN® and OIL FRANTZ® together.

They remove almost all moisture and oil: 99.9%.

SUN-DRAIN & OIL FRANTZ

( Rotary receiving type water separator/rolled filter type oil separator)

Sun-Drain needs to be piped at least 15 m from the compressor because the high-temperature compressed air needs to cool until it is close to the outside air temperature.

For air blowers (air guns), use ECO SUN-DRAIN® and OIL FRANTZ® together.

They remove almost all moisture and oil: 99.9%.

APPLICATIONS
- Screw-type air compressor
- Air dryer
- Industrial pneumatic devices
- Spray coating devices
- Pneumatic devices for instrumentation and measurement
- Electronic devices
- Pneumatic devices for food processing
- Pneumatic tools, etc.

QUALITY ASSURANCE!
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**SUN-DRAIN (W type)**

Rotary receiving type water separator

**FEATURES:**
- Removes at least 99.5% of the moisture from compressed air.
- No need for filter replacement.
- Automatic drain system allows continuous use.

Compressed air from compressors can cause pneumatic equipment to fail due to moisture and impurities in the piping. Sun-Drain takes care of these problems by removing the moisture before it reaches the pneumatic equipment. In the winter, it also prevents freezing of air pipes, solenoid valves, and cylinders.

Inside is a specially constructed stainless steel mesh filter that does not need to be replaced. It uses no CFCs, which are currently an issue with the depletion of the ozone layer and no electric power directly, and so is future-proof. Furthermore, since the drain works automatically, it can be used continuously for long periods of time, saving costs and trouble.

**MAINTENANCE-FREE**

Unlike conventional water absorption filters, the stainless steel mesh used eliminates the need for filter replacement. Just wash it with kerosene or thinner every half-year!

**MAIN SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Pressure range (kgf/cm²)</th>
<th>Flow rate (m³/min)</th>
<th>Moisture (mg)</th>
<th>Oil (mg)</th>
<th>Air (m³/min)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y305-W</td>
<td>0.1 to 1.0 (10 to 102)</td>
<td>1/4</td>
<td>500</td>
<td>1.5</td>
<td>1,500</td>
<td>5 to 65</td>
</tr>
<tr>
<td>Y303-W</td>
<td>0.1 to 1.0 (10 to 102)</td>
<td>3/8</td>
<td>800</td>
<td>1.5</td>
<td>1,500</td>
<td>5 to 65</td>
</tr>
<tr>
<td>Y301-W</td>
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<td>3/8</td>
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<td>1.5</td>
<td>1,500</td>
<td>5 to 65</td>
</tr>
<tr>
<td>Y303-W</td>
<td>0.1 to 1.0 (10 to 102)</td>
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<td>1,300</td>
<td>1.5</td>
<td>1,500</td>
<td>5 to 65</td>
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<tr>
<td>Y305-W</td>
<td>0.1 to 1.0 (10 to 102)</td>
<td>3/4</td>
<td>3,000</td>
<td>1.5</td>
<td>1,500</td>
<td>5 to 65</td>
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<td>F301</td>
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<td>1000</td>
<td>1.5</td>
<td>1,500</td>
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</tr>
</tbody>
</table>

Flow rate at 0.686 MPA. Product appearance and specifications are subject to change for improvement without notice.

**OIL FRANTZ**

Rolled filter type oil separator

**FEATURES:**
- Removes oil and impurities completely down to the micron level.
- High-performance rolled filter for high collection efficiency.

The compressed air in a pneumatic system can contain not only water, but also impurities such as particles, oxidized oil, and carbon. Oil Frantz uses the high collection efficiency of its rolled filter to remove fine oil mist (tar, carbon, oxidized oil) reliably down to the micron level. Its cleaning efficiency is superior. Used together, Sun-Drain and Oil Frantz can remove almost all moisture and oil mist from compressed air.

**Roller Filter**

The rolled filter removes oil mist from compressed air down to units of 0.03 microns and smaller. It is also highly durable.

**Structure of Oil Frantz**

As compressed air enters, it is sent into the rolled filter set inside. Oil mist is separated by adsorptive filtration of the rolled filter element, and clean air is sent to the equipment.

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<th>Flow rate (m³/min)</th>
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<th>Air (m³/min)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>F301</td>
<td>0.1 to 1.0 (10 to 102)</td>
<td>6,000</td>
<td>0.03</td>
<td>99.9</td>
<td>150±20</td>
</tr>
<tr>
<td>F303</td>
<td>0.1 to 1.0 (10 to 102)</td>
<td>6,000</td>
<td>0.03</td>
<td>99.9</td>
<td>150±20</td>
</tr>
</tbody>
</table>

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Atmospheric pressure equivalences are given assuming inlet air pressure 0.68 MPa and pressure drop 0.01 MPa.

- For 3D measurement and inspection machines, use together the low-flow Y301-W and F301.
- For electronic, semiconductor, and food processing machines, painting devices, abrasive blasting equipment, and the like, use together Y301-W and F301 / Y303-W and F303.
- For miniature presses and bending machines, use Y301-W.