NEW

SUPER SIFTER

BLOWER SIFTER

4~2000Mesh

Yougrop Co., Ltd.
HIGHLY EFFECTIVE SIFTER WITH LARGE PROCESSING CAPACITY AND
WITH EXCELLENT ACCURACY OF CLASSIFICATION THANKS TO UNIQUE
MECHANISM USING PNEUMATICS

STRUCTURE AND MECHANISM

The Blower Sifter comprises:
1. Raw Material Supplying Section
2. Classification Screen Section
3. Airbrush Section (Screen Cleaning Section)
4. Blower Section (Built-in), and
5. Product Catching Section (Cyclone Separator, Bag Filter)

Raw material supplied by a supplying device is scattered and agitated by the airflow in front of the screen set up on a suction port of the “Blower” housed in a body so that aggregation and condensation may be loosened.

Thus, the raw material is uniformly atomized, passes the screen and is caught by the catching device.

The powder that does not go through the screen and the powder that is attached are blown away by the compressed air so that they may be removed from the screen and discharged.

Since the “screen” is always cleaned by the “airbrush” by the above-mentioned structure and mechanism, there is no risk of clogging. Consequently, sifting with 1000 mesh or 2000 mesh becomes also possible.

APPLICATION
Electronic Materials, Metallic Materials,
Chemical Industry, Drugs and Medicines,
Cosmetics, Food Industry, Ceramic Industry, Resin,
Mining Industry, Soil and Stones, Etc.

CHARACTERISTICS

- Excellent Accuracy of Classification
  The powder of fine products is not mixed in coarse products.
- Capable of Classifying Ultra-Fine Powder
  From fine powder to micron-size fine powder it can be classified without causing clogging due to an effect of an airbrush.
- Easy Replacement of Screen with Long Life
  Since the powder only passes through the screen with the wind, no load is applied to the screen and the long life is assured.
- Simplicity
  Since the structure is extremely simple, there is no concern of breakdown.
- Fully Automatic Continuous Operation
  The operation is fully automated without causing vibrations. The powder is not scattered in the air because of tight sealing.
- Capable of Classification of Wet Powder and Hardly Classified Powder due to Low Specific Gravity

FLOW SHEET

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Type</th>
<th>Area of Screen (mm²)</th>
<th>Blower Power (kW)</th>
<th>Air Volume (m³/min)</th>
<th>Horse-Air Volume Ratio</th>
<th>Diameter (mm)</th>
<th>Capacity (kg)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>0.07</td>
<td>1.5</td>
<td>2 ~ 4</td>
<td>0.4 ~ 0.7</td>
<td>1</td>
<td>490</td>
<td>116 745 622 85</td>
</tr>
<tr>
<td>62</td>
<td>0.3</td>
<td>3.7</td>
<td>8 ~ 15</td>
<td>1.03 ~ 1.3</td>
<td>3 ~ 4</td>
<td>1020</td>
<td>200 1130 1297 390</td>
</tr>
<tr>
<td>96</td>
<td>0.72</td>
<td>5.5</td>
<td>20 ~ 60</td>
<td>2 ~ 2.5</td>
<td>7 ~ 10</td>
<td>1270</td>
<td>280 1350 1665 700</td>
</tr>
</tbody>
</table>

* Built-in blower type and separate blower type are available.
* The blower sifter is heritage of technology of Taikouho, Co., Ltd.
* having experience of 2700 units.
Capacity of Blower Sifter

Memorandum for Enquiry

A) Characteristic Features of Raw Material
1. Name of Product
2. Chemical Symbol
3. Powder Density g/cm³
4. Absolute Specific Gravity
5. Shape
6. Particle Size Micron
7. Cohesive Property, Hygroscopic Property, Adhesive Property Strong · Weak · None
8. Fluidity Good · Bad
9. Moisture Content and Oil Content % W/B
10. Corrosiveness, Abrasion Property, Explodability Strong · Weak · None

Send us 5 to 10 Kg of test specimen, and we will give you necessary data and comments together with the specimen after cautious testing. We also have machines for testing reaction, vacuum drying, supply, mixing, granulation, or sifting. Please feel free to inquire.

B) Specifications
1. Purpose of Sifting
2. Treatment Capacity kg/hr
3. Mesh Gauge Mesh
4. Quality Micron
5. Installation Space W × D × H
6. Machine for Pre/Post-Processes

Yyourop Co., Ltd.
4-25, Juhachijo 2-chome, Yodogawa-ku, Osaka
532-0001, Japan
Phone: (06) 6391-6999 Fax: (06) 6391-0431
E-mail: info@yourop.co.jp
URL: http://www.yourop.co.jp