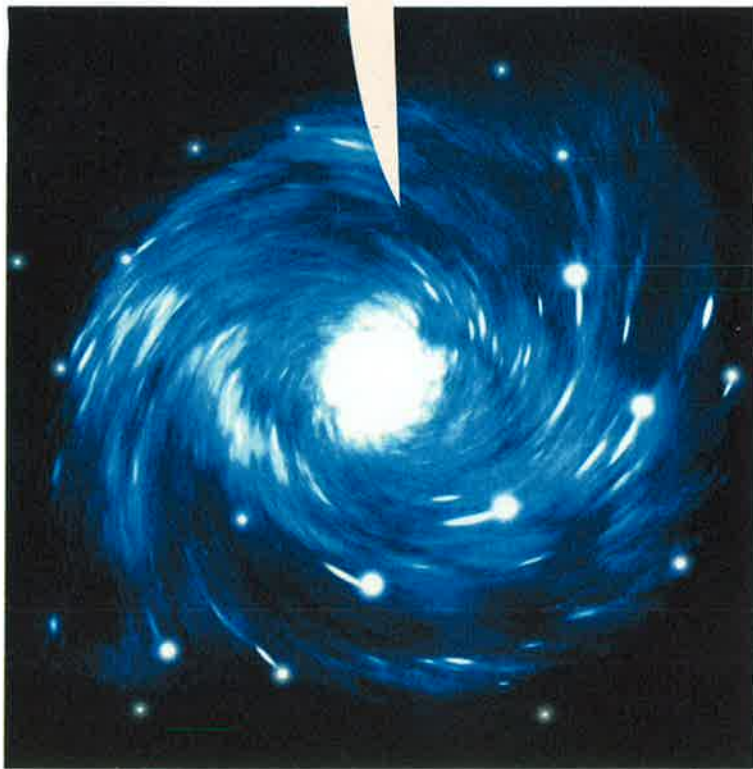


4~2000Mesh

SUPER SIFTER

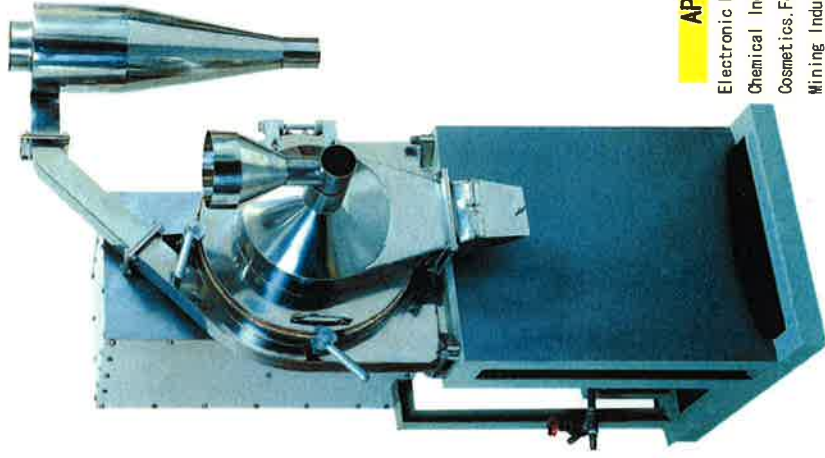
NEW

BLOWER SIFTER



Yougrop Co. , Ltd.

HIGHLY EFFECTIVE SIFTER WITH LARGE PROCESSING CAPACITY AND WITH EXCELLENT ACCURACY OF CLASSIFICATION THANKS TO UNIQUE MECHANISM USING PNEUMATICS



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 On-products is not mixed in Pass-products.
- Capable of Classifying Ultra-Fine Powder
- From cut 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

STRUCTURE AND MECHANISM

The Blower Sifter comprises:

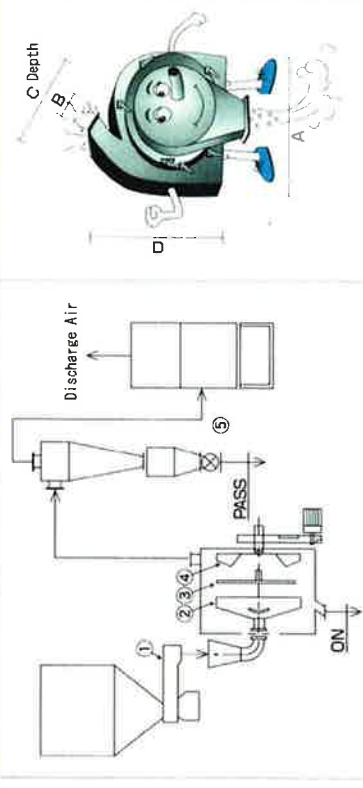
1. Raw Material Supplying Section
 2. Classification Screen Section
 3. Airbrush Section (Screen Cleaning Section)
 4. Blower Section (Built-in), and
 5. Product Catching Section (Cyclone Separator, Bug Filter)
- It is constituted

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 loosen.

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.

FLOW SHEET



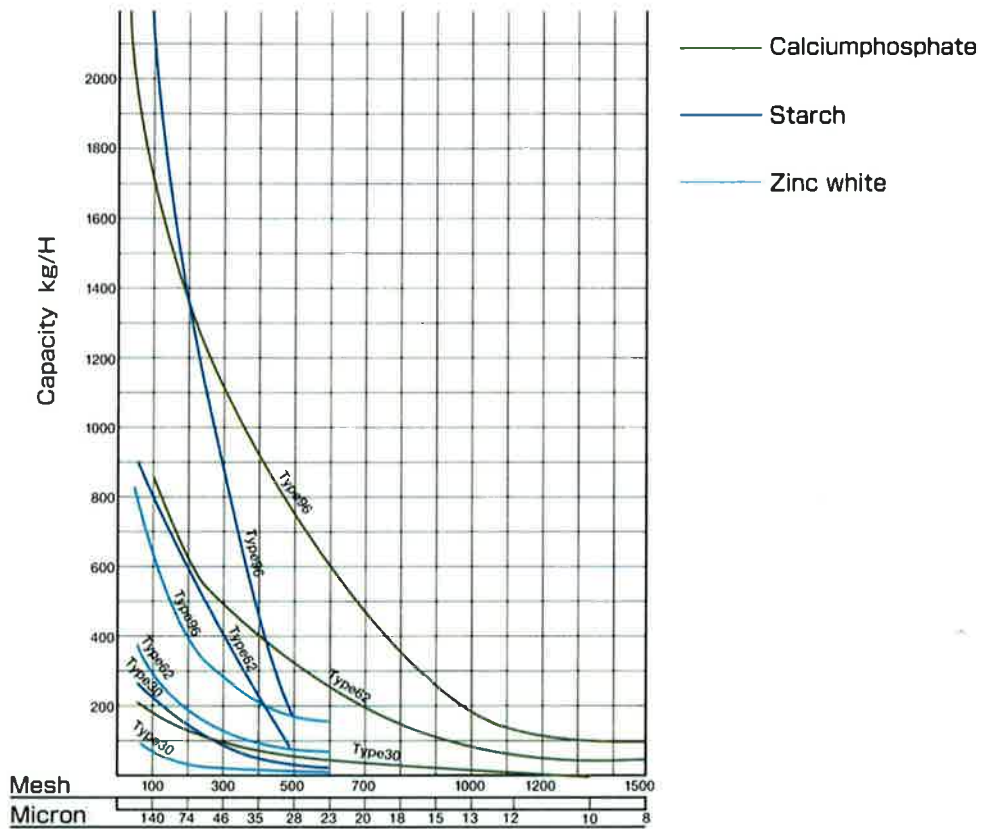
SPECIFICATIONS

Type	Area of Screen (㎡)	Blower Power (kW)	Air Volume (㎡/min)	Reverse Air Volume (㎡/min)	Capacity Ratio	Outer Diameter (mm)				Weight (kg)
						A	B	C	D	
30	0.07	1.5	2 ~ 4	0.4~0.7	1	490	116	745	622	85
62	0.3	3.7	8 ~ 15	1.03~1.3	3 ~ 4	1020	200	1130	1297	380
96	0.72	5.5	20 ~ 60	2~2.5	7~10	1270	280	1350	1665	700

※ Built-in blower type and separate blower type are available

※ The blower sifter is heritage of technology of Taikosha 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 _____ Mesh
Micron
7. Cohesive Property, Hygroscopic Property, Adhesive Property
Strong · Weak · None
8. Fluidity Good - Bad
9. Moisture Content and Oil Content _____ **% WB**
10. Corrosiveness, Abrasion Property, Explodability
Strong · Weak · None

B) Specifications

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

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.



YOU GROU HUMAN COMMUNICATION
Yougrop Co., Ltd.

4-25, Juhachijo 2-chome, Yodogawa-ku, Osaka
532-0001, Japan

Phone: (06) 6391-6999 Fax: (06) 6391-0431

E-mail: info@yougrop.co.jp

URL: http://www.yougrop.co.jp