



::Enjoy the Difference
PowderJet400





:: PowderJet400

Compact screening machine for batchwise powder screening of lot sizes between 0.5 - 3.0 liters

In a single operation impurities or agglomerates are automatically and safely removed from very fine feed particles such as:

- :: Metal powders for 3D printing
- :: Pharmaceuticals
- :: Color pigments
- :: Pesticides
- :: Catalysts

The PowderJet400 works according to the principle of batchwise air jet sifting. The finest particles are vacuumed through the screen mesh by means of a defined negative pressure, while a rotating nozzle periodically reverses the air flow and clears the screen mesh again. Possible agglomerates are broken up by the air flow in the nozzle at speeds of up to 100 m/s and the particles remaining on the screen mesh are realigned.

Once an operation has been processed, another batch is automatically filled into the screening space and the process restarts until the entire quantity has been processed.

All standard test sieves with a diameter of 400 mm can be used for separation. The PowderJet400 can process grain sizes of 0.2 - 0.01 mm (200 µm - 10 µm).

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- :: Finest automatic screening of batches up to 3 liters and separations from 200 µm up to 10 µm
- :: Compact mobile unit with integrated blower and sinter plate filter
- :: Cleaning interval by adjustable multiple rotation change of the air nozzle to keep very fine screen cloths free and thereby reduce the cleaning of the screen cloths in the ultrasonic bath

While others are just screening, we are looking for the perfect solution

Believe it or not, for more than 70 years our goal has been to produce the best screening machines in the world! We always aim to deliver our customer the most effective screening machine for his specific task.

We test your screening material in our technology center and show you the performance of our screening machines.

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