




FOR EASY AND RELIABLE
SEPARATION OF METAL POWDERS.

THE AIR CLASSIFIER AC 1000

The Air Classifier AC1000 allows the economical and flexible classification of small powder batches. It is suitable for the separation of metal powders < ca. 200 μm into fine and coarse powder fractions especially also in the range < 25 μm , where conventional sieving operations fail.


BLUE POWER
Casting Systems

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Blue Power Air Classifier AC 1000

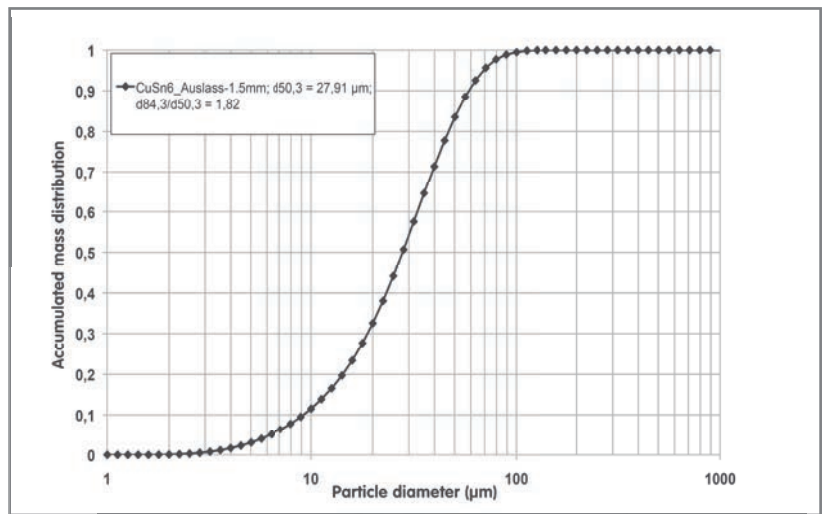
- Designed for research, development and small scale-production with the need for frequent alloy changes, especially also for precious and other specialty metals*
- Low cleaning efforts with little metal loss and cross contamination
- High process stability
- Easy and reliable handling, precise control by touchscreen display
- Throughput 25 kg/h (bronze)



* Without additional safety measures not suitable for air classification of explosive metal or alloy powders, e.g. Aluminium-, Magnesium-, Zirconium- or Titanium alloys, or other alloys with increased content of these elements.

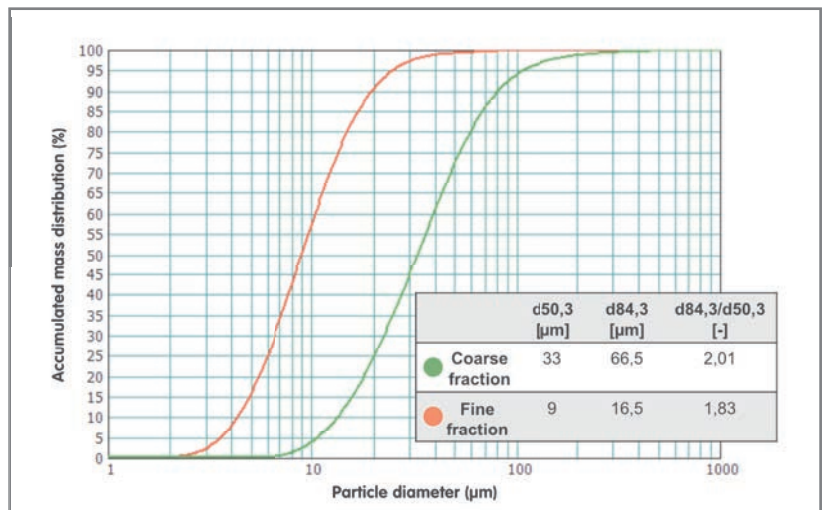
Example 1: BEFORE AIR CLASSIFICATION

Particle size distributions obtained with Atomiser AU1000 by gas atomization of a tin-bronze alloy (Close-coupled atomization)



Example 2: AFTER AIR CLASSIFICATION

Particle size distributions of a gas atomised tin-bronze alloy separated in coarse and fine powder fractions with air classifier AC1000



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