

Intelligent Fineness of Grind Tester

BGD 246

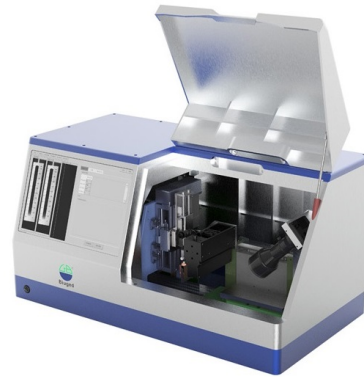
Product Description

In the assessment of scraper fineness, significant disparities in judgment often arise, particularly concerning low-range fineness in grind gauges. This discrepancy can be attributed to variations in the strength and speed of different operators when scraping samples within the groove.

Another contributing factor is the subjective nature of reading, where substantial subjectivity comes into play when quickly interpreting test results within a 5-second timeframe, particularly in assessing the number and distribution of particles.

Our company introduces the BGD 246 Intelligent Fineness of Grind Gauges, a cutting-edge instrument designed to address these challenges. This intelligent tool not only autonomously performs standard scraping of samples on the instrument's groove but also instantly captures and stores images of the sample particles within the groove. Following the relevant standards for result reading, it can automatically identify the scraper fineness value of the sample within 5 seconds, providing a statistical chart of particle distribution.

The instrument is versatile, capable of accommodating various specifications, types, and sizes of fineness of grind gauges. Equipped with a MODBUS TCP/RTU communication port, it ensures seamless integration into different systems. With a substantial data storage capacity, the instrument effectively tackles the issue of poor repeatability and reproducibility of results in current industry practices, significantly enhancing work efficiency.



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Main Technical Parameters

- Range: 0~200µm (corresponding to a variety of scrapers, including 0~25µm, 0~50µm, etc., and the maximum is 0~200µm)
- Speed: 50mm/s~150mm/s (adjustable)
- Accuracy: ±5%
- Minimum particle resolution: 5µm~10µm
- Single measurement time: < 2 min

Ordering information: BGD 246 - Intelligent Fineness of Grind Gauges

Disclaimer

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