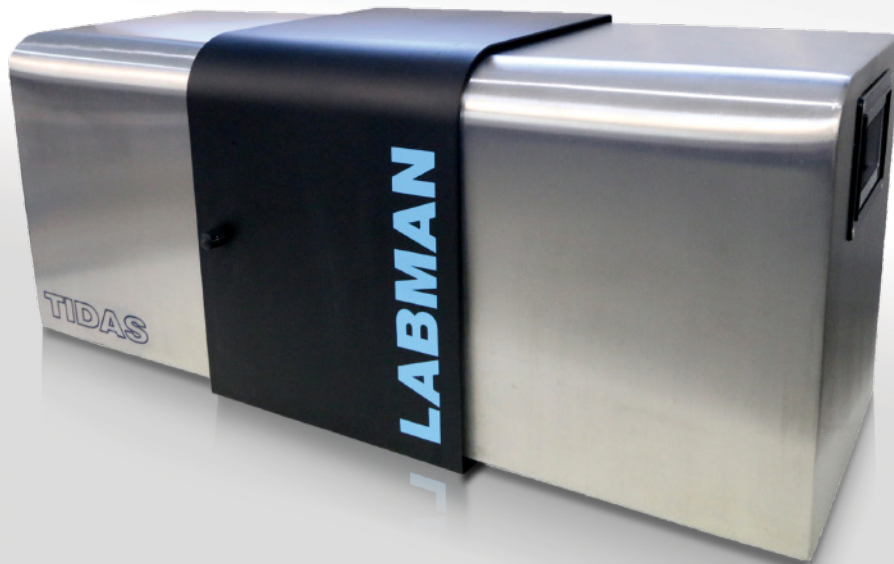


TIDAS

The Automated Grindometer System

Easy-to-operate fineness of grind measurement system for objective determination of particle dispersion.



Overview

TIDAS automates the analysis of samples using a Hegman gauge. Fineness of grind is determined automatically and objectively, removing operator variation and ensuring reproducibility.

Developed with Huntsman in 1997, TIDAS electronically captures images of the state of dispersion, for quality assurance, reducing production times and aiding product improvement. Since its inception, TIDAS has been sold in great numbers worldwide, and is now the go-to system for the analysis of a wide range of samples.

To find out more and to see the system in operation, please visit

www.labmanautomation.com

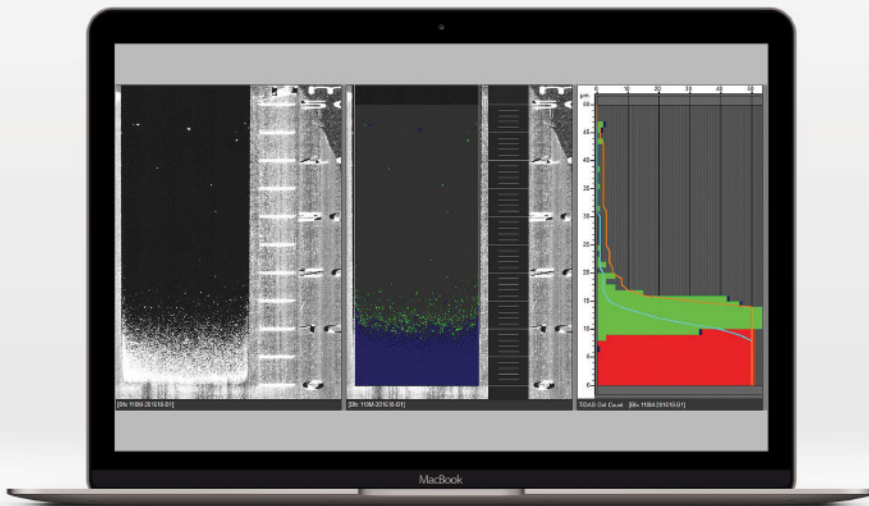
- Robust, low-maintenance unit featuring super sharp imaging.
- Removes operator variance and user error.
- Eliminates customer issues due to under-dispersion or lost time from over-dispersion, just optimum results every time.
- **We can estimate your potential savings simply by testing samples.**
- TIDAS units operate in over 60 companies, including Akzo Nobel, Huntsman & PPG in 35+ countries worldwide.

LABMAN

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A histogram of particle distribution is produced. This is interrogated by an algorithm to generate a sample rating, removing operator variation and ensuring repeatability.

How does it work?

The system is based around the Hegman grind gauge, but removes the subjectivity of a human operator rating. The sample is automatically drawn down over the gauge, which is viewed by a high-resolution camera at a shallow angle. The resulting histogram of particle distribution allows the system to generate a sample rating.

- Works with a wide range of grind gauge sizes and products.
- Customisable algorithms can allow TIDAS to capture more valuable data for your particular application.

Is it suitable for my lab?

If manual drawdown of a sample with a Hegman gauge is possible, then it is extremely likely that TIDAS will work with your application.

A loan package is available to evaluate TIDAS before buying, or alternatively you can send your samples to Labman and we will provide a full sample test report free of charge.

If you are interested in automating your Hegman test for consistent, accurate results, please visit www.labmanautomation.com.

