

Introduction: The Particle Size module is specifically developed with accuracy and repeatability in mind. Of all analysis methods, particle size and classification ranks among the most time-consuming and tedious. By incorporating the latest in image analysis techniques this is no longer the case. Measurements from area to shape factor are as simple as clicking a button. Whether you're a seasoned image analysis professional or a novice, you will find the intuitive interface and Wizard features of this module reassuring as you greatly improve both the quality and throughput of your testing.

Particle Size Measurement / Sphericity Module

- Accurately determine particle size or any other associated measurements such as:
 - Area
 - Aspect ratio
 - Count per unit area
 - Length
 - Orientation
 - Perimeter
 - Shape factor
 - Width
- Typical areas of application include analysis of:
 - Constituents such as: Inclusions, Nitrides, Oxides, Carbides, Graphite
 - Voids
 - Porosity
 - Fibers
 - Particulate fill

Reporting Options

- Multiple reporting options include:
 - Raw data reporting
 - Built-in report generator using Data Dynamics Reports
 - Export to Microsoft Excel®, Microsoft Word and .pdf format



Scentis Image Modules

Designed for use with Struers Scentis Lab Management System

Optional plug-in image analysis modules provide state-of-the-art evaluation methods for everything from grain sizing to inclusion rating. Employ image analysis modules for evaluations according to international standards.

The Scentis image modules allow you to perform sophisticated analysis very easily. Simply select the appropriate analysis module and follow the intuitive guidance of the built-in wizards.



New to image analysis?

Try the built-in Scentis Wizard for simple step-by-step assistance through the entire process.

A seasoned professional?

Get directly to the analysis with powerful built-in tools.

Desire repeatability?

Easily establish a "best practice" by utilizing the built-in technique recorder.

Desire reproducibility between operators or multiple laboratories?

Share your methods with other module owners using our unique "setup" filing structure.



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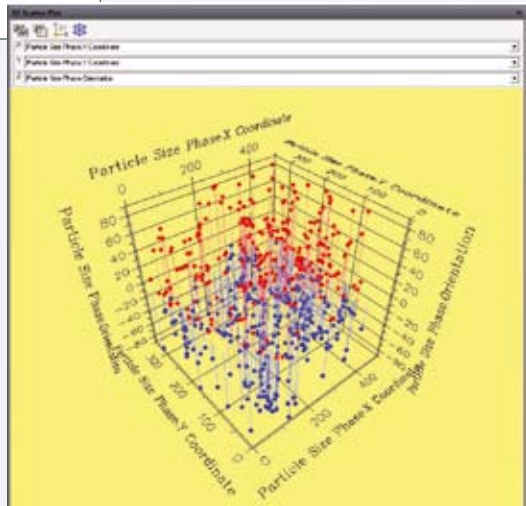
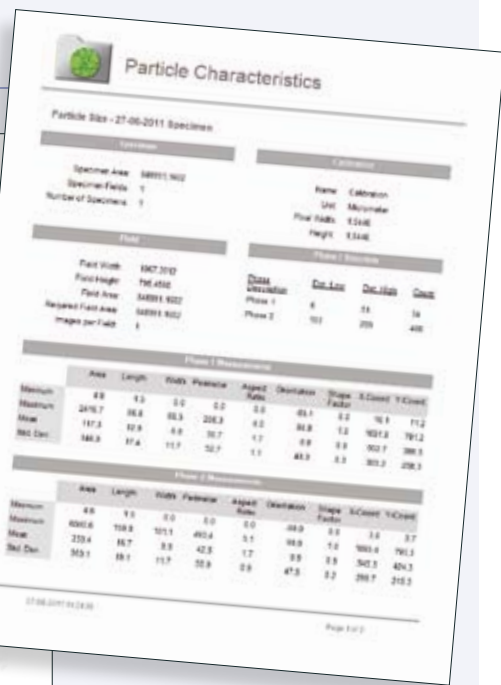
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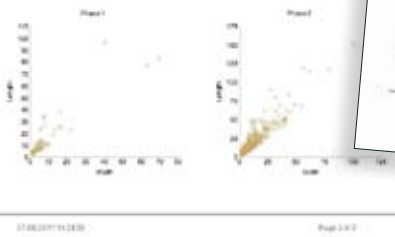
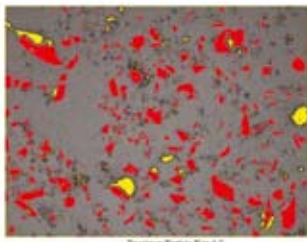
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Particle Characteristics



Scentis Image Modules

A large number of image analysis modules are available, many of which conform to ASTM, ISO and DIN standards:

Multiple Phase Percent Area	Cat. no: 36003021
Grain Sizing	36003022
Inclusion or 2nd-Phase Constituent Measurement	36003023
Particle Size / Sphericity	36003024
ASTM E384 Microindentation / Macro Hardness Measurement	36003025
Brinell Hardness Measurement	36003026
Thickness, Layers and Coatings	36003027
Graphite in Cast Iron	36003028
Dendritic Arm / Cell Spacing	36003029

The Scentis image modules allow you to perform sophisticated analysis very easily. Simply select the appropriate analysis module and follow the intuitive guidance of the built-in wizards.

A Scentis VI basic package, a Scentis VI single seat or a Scentis VI server installation is needed to run the above moduls.

Scentis VI single seat, cat. no.	36001035
Scentis VI server + 1 floating seat, cat. no.	36001036
Scentis VI additional server seat, cat. no.	36001037

For further information on Scentis, contact your local dealer. You can also visit us at www.struers.com

Struers' products are subject to constant product development. Therefore, we reserve the right to introduce changes in our products without notice.