

Thickness



Scentis Image Modules

Designed for use with Struers
Scentis Lab Management System

Introduction: The Thickness Module is specifically developed with accuracy and repeatability in mind. By using the latest image analysis techniques a user can automatically determine thickness of a coating or layer. The module may be operated in either manual or automatic mode. The integrated “Bridge Gap” control makes analysis of non-uniform coatings/layers possible by eliminating small second-phase constituents or artifacts. The “Exclude Size” control helps to eliminate non-related areas that may threshold at the same gray level as the coating/layer being analyzed.

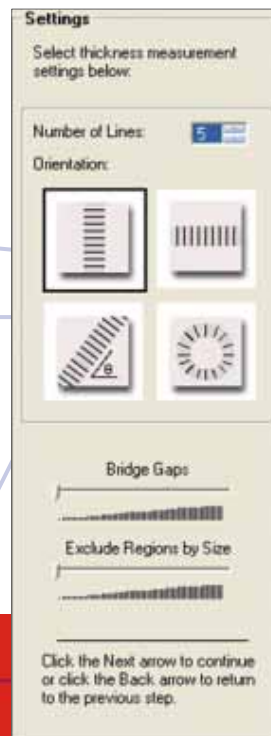
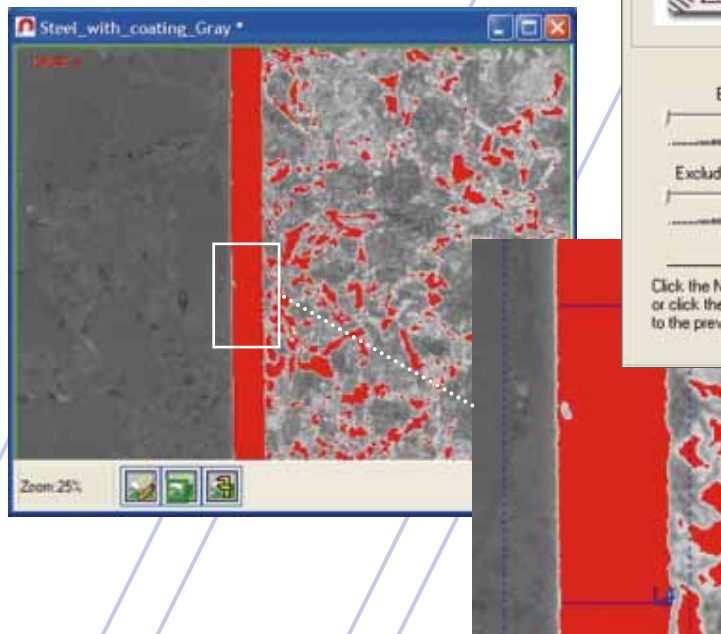
Whether you’re a seasoned image analysis professional or a novice, you will find the intuitive interface and Wizard features of this module reassuring as you greatly improve both the quality and throughput of your testing.

Thickness Measurement

- Accurately measure thickness of coating/layers
- Measure using any unit
 - Metric
 - English
 - User-defined
- Measure in different orientations
 - Vertical
 - Horizontal
 - Diagonal
- Perform radial measurements on circular specimens
- Bridge Gaps in the coating/layer
- Eliminate non-related objects by size

Reporting Options

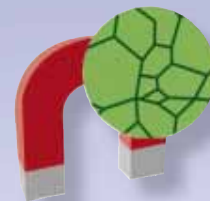
- Multiple reporting options include:
 - Raw data reporting
 - Built-in report generator using List & Label®
 - Export to Microsoft Excel®



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.

Why purchase an image analysis system with features you will never use? With Scentis you only purchase the image analysis modules you need.

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.

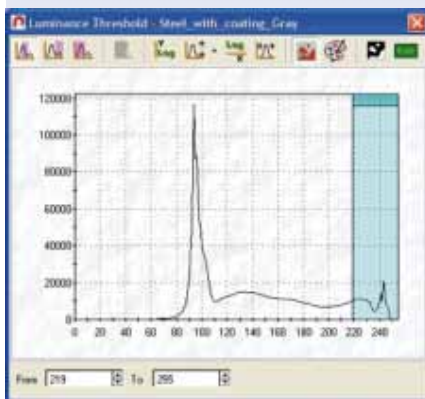
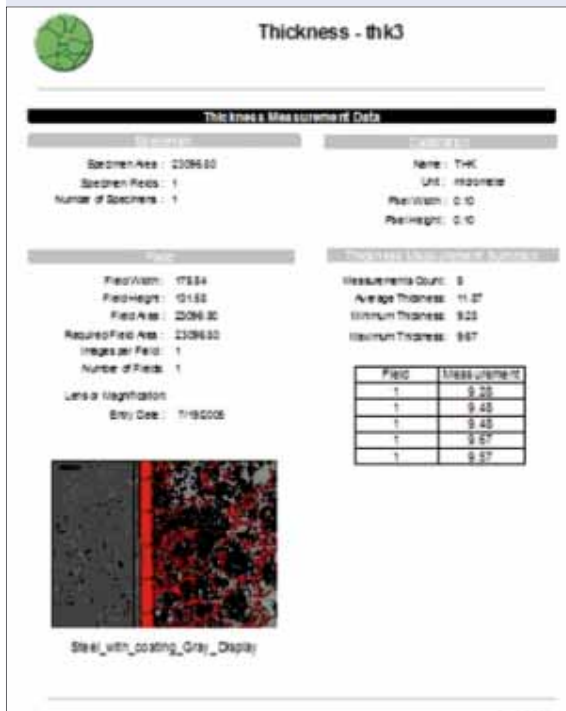


New to image analysis?
Try the built-in Scentis Wizard for simple step-by-step assistance through the entire process.

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.



Scentis Image Modules

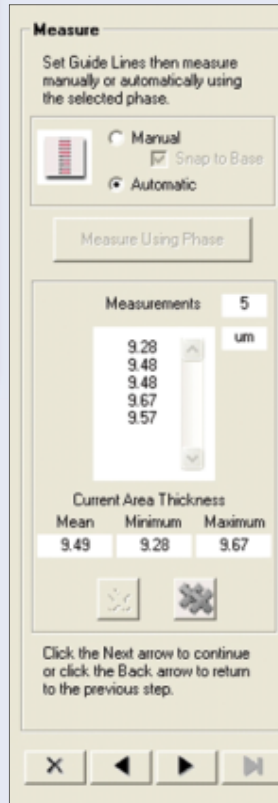
A large number of image analysis modules are available, many of which conform to ASTM, ISO and DIN standards:

	Code:	Cat. no:
Multiple Phase Percent Area	SCIPA	36003001
Grain Sizing	SCIRA	36003002
Inclusion or 2nd-Phase Constituent Measurement	SCIND	36003003
Particle Size / Sphericity	SCIPS	36003004
ASTM E384 Microindentation / Macro Hardness Measurement	SCIMI	36003005
Brinell Hardness Measurement	SCIBI	36003006
Thickness, Layers and Coatings	SCITI	36003007
Graphite in Cast Iron	SCICI	36003008
Dendritic Arm / Cell Spacing	SCIAS	36003009

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.

For further information on these modules, 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.



USA and CANADA

Struers Inc.

24766 Detroit Road
Westlake, OH 44145-1598
Phone +1 440 871 0071
Fax +1 440 871 8188
info@struers.com

SWEDEN

Struers A/S

Smältvägen 1
P.O. Box 11085
SE-161 11 Bromma
Telefon +46 (0)8 447 53 90
Telefax +46 (0)8 447 53 99
info@struers.dk

FRANCE

Struers S.A.S.

370, rue du Marché Rollay
F- 94507 Champigny
sur Marne Cedex
Téléphone +33 1 5509 1430
Télécopie +33 1 5509 1449
struers@struers.fr

BELGIQUE

Struers S.A.S.

370, rue du Marché Rollay
F- 94507 Champigny
sur Marne Cedex
Téléphone +33 1 5509 1430
Télécopie +33 1 5509 1449
struers@struers.fr

UNITED KINGDOM

Struers Ltd.

Erskine Ferry Road,
Old Kilpatrick
Glasgow, G60 5EU
Phone +44 1389 877 222
Fax +44 1389 877 600
info@struers.co.uk

JAPAN

Marumoto Struers K.K.

Takara 3rd Building
18-6, Higashi Ueno 1-chome
Taito-ku, Tokyo 110-0015,
Phone +81 3 5688 2914
Fax +81 3 5688 2927
struers@struers.co.jp

CHINA

Struers (Shanghai) Ltd.

Room 2705, Nanzheng Bldg,
580 Nanjing Road (W)
CN - Shanghai 200041
Phone +86 (21) 5228 8811
Fax +86 (21) 5228 8821
struers.cn@struers.dk

SINGAPORE

Struers A/S

10 Eunos Road 8,
#12-06 North Lobby
Singapore Post Centre
Singapore 408600
Phone +65 6299 2268
Fax +65 6299 2661
struers.sg@struers.dk

Struers A/S

Pederstrupvej 84
DK-2750 Ballerup, Denmark
Phone +45 44 600 800
Fax +45 44 600 801
struers@struers.dk



DEUTSCHLAND

Struers GmbH

Karl-Arnold-Strasse 13 B
D-47877 Willich
Telefon +49(0)2154) 486-0
Telefax +49(0)2154) 486-222
verkauf.struers@struers.de

ÖSTERREICH

Struers GmbH

Zweigniederlassung Österreich
Ginzkeyplatz 10
A-5020 Salzburg
Telefon +43 662 625 711
Telefax +43 662 625 711 78
stefan.iintschinger@struers.de

SCHWEIZ

Struers GmbH

Zweigniederlassung Schweiz
Weissenbrunnstrasse 41
CH-8903 Birmensdorf
Telefon +41 44 777 63 07
Telefax +41 44 777 63 09
rudolf.weber@struers.de

THE NETHERLANDS

Struers GmbH Nederland

Electraweg 5
NL-3144 CB Maassluis
Tel. +31 (0) 10 599 72 09
Fax +31 (0) 10 599 72 01
glen.van.vugt@struers.de

CZECH REPUBLIC

Struers GmbH

Ocelářská 799
CZ-190 00 Praha 9
Tel. +420 2 84 818 227
Fax +420 2 660 32 278
david.cernicky@struers.de

POLAND

Struers Sp. z o.o.

Oddział w Polsce
ul. Lirowa 27
PL-02-387 Warszawa
Tel. +48 22 824 52 80
Fax +48 22 882 06 43
grzegorz.uszynski@struers.de

HUNGARY

Struers GmbH

Magyarországi fióktelep
Puskás Tivadar u. 4
H-2040 Budaörs
Phone +36 (23) 428-742
Fax +36 (23) 428-741
zoltan.kiss@struers.de