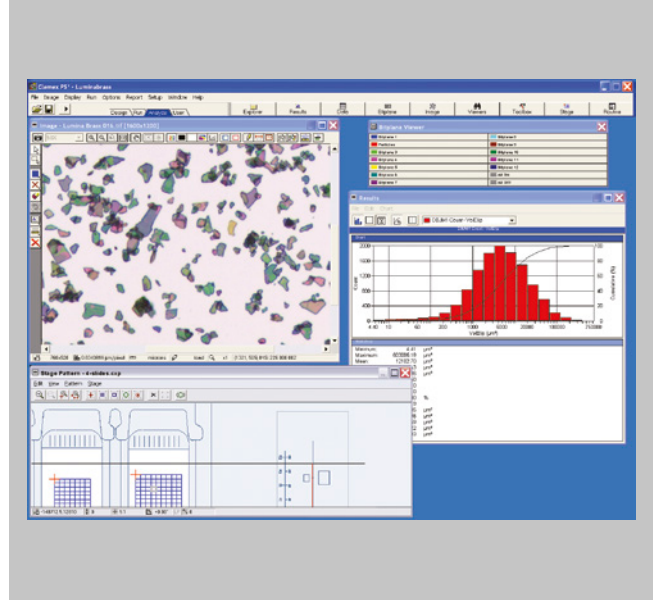


Product Information

Vision Lite Image Analysis Software



ZHVµ-A Micro Vickers hardness tester



Results as they appear on screen

Enhanced image analysis capabilities for your Vickers Hardness Tester

Vision Lite enables a Vickers hardness tester to provide automatic measurement of grains and phase analysis and to maximise the value of your hardness tester optics. No dedicated microscope is required.

Special features

- Automatic focus (ZHVµ-A only), exposure, illumination, shading correction
- Mosaic or scanning feature for 100% test planning and reporting
- Rapid image analysis routine development using extensive number of tools
- Results management
- Create reports
- Optional application packages are built to measure to appropriate ASTM and ISO standards

Intelligent work flow

Step 1: Capture Images

Monochrome digital camera analyse live or save.

Step 2: Quantify Images

Bit plane based image analysis. Use a standard routine, modify one or create your own.

Step 3: Manage Results

Measurements are directly linked to their corresponding feature on the image

Step 4: Create Report

Customise reports to your specifications easily. Use report generator module to create standard templates

System requirements

Semi-automatic (ZHVµ-S)

Recommended lenses x2.5, x10, x20, x40; manual XY table; 1.3 Megapixel digital camera; PC with Windows 7 operating system

Fully automatic (ZHVµ-A)

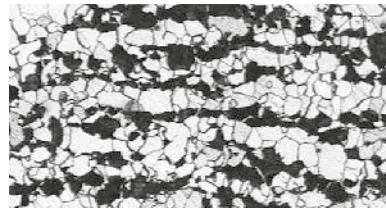
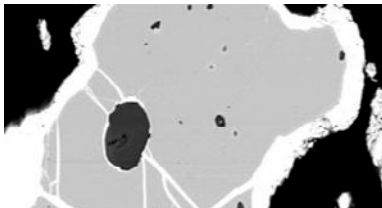
As semi-automatic, plus: motorised lead screw; motorised XY table; controller and joystick

Product Information

Vision Lite Image Analysis Software

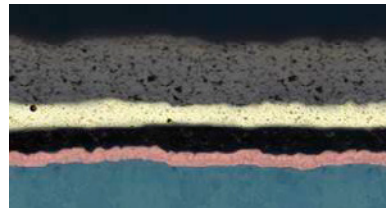
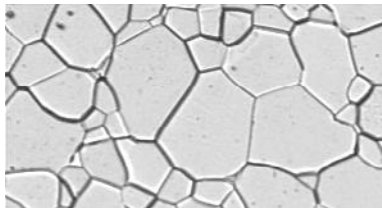
Part No.	Description	Standard
Grain Size Analysis Software		
2111350	Vision Lite for Image Analysis	
Application Packages (Analysis and Routine)		
2111351	Report generator module	
2111352	Grain and cell size	ASTM E112
2111353	Multiphase volume and area fraction analysis (porosity)	ASTM E563
2111354	Particle size	
2111355	Coating thickness	ASTM B487
2111356	Dendritic Arm Spacing (DAS)	
Templates and Routines (report generator included)		
2111357	Cast Iron for nodules	ASTM A247 & ISO 945
2111358	Cast Iron flakes/size/manual distribution/phases	ASTM FVII & ISO 945
2111359	Inclusions ratings. Methods A and D	ASTM E45
2111360	Inclusions ratings for the Rail Industry	ASTM E1245
2111361	Welding	

Phase analysis

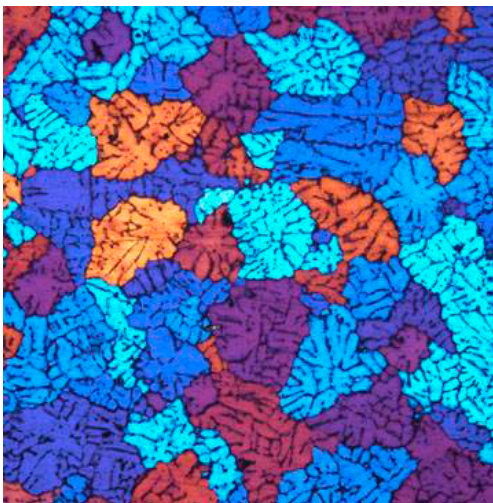


Custom applications

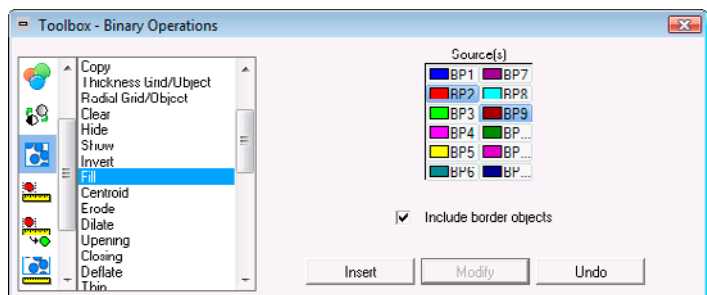
Grain sizing



Layer thickness



Aluminium with grain sizing application module



Rapid routine development