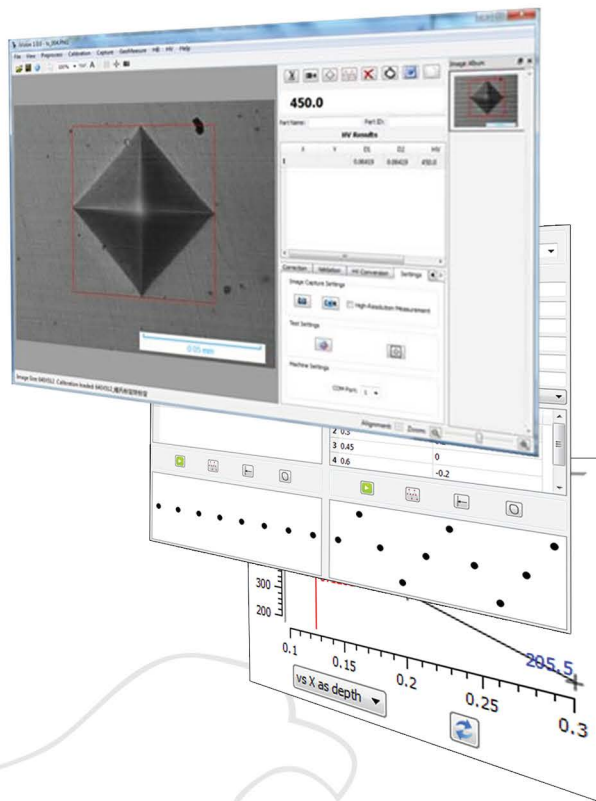


AQUILA VISUS

Aquila Visus CCD Camera System for Vickers Measurement Analysis

ATTRIBUTES

- Automatic indentation analysis with a single click - (manual / automatic analysis)
- Hardness conversion to Brinell and Rockwell scales
- Windows 8 OS tablet included
- Hardness value correction on Vickers hardness measured on non-flattened surfaces
- Thorough analysis with variable statistical tools
- High-res CCD camera
- Automatic indentation image saving via USB camera
- Displaying diagrams
- Measurement report making and printing with indentation snapshots (Word and Excel file formats)

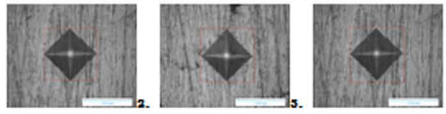
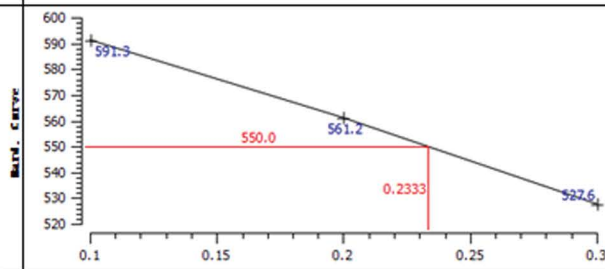


MODEL VARIATIONS

- Indentation analyser and documenting system (with functions seen above)
- Semi-automatic system (with functions seen above + XY testing table controlling and automatic measuring sequence)
- Automatic system (with functions seen above + XYZ testing table controlling and auto focus on the specimen)



Micro/Vickers Hardness (HV) Test Results

Submitter		Date Submitted																							
Part Name		Part #																							
# of Samples		Sample Descr.																							
Qual. UL	680	Qual. LL	480																						
Machine ID		Meas. Standard	CS/T201.1-2002																						
Sample Cyl. / Sph. Diam. (mm)		Force (g)	1000																						
Test Results																									
#	Depth	T	D1	D2	Hard.	Convex.	#	Depth	T	D1	D2	Hard.	Convex.												
1	100.0		55.33	55.67	591.3																				
2	200.0		57.10	57.67	561.2																				
3	300.0		59.11	59.67	527.6																				
Case Hardness (HV)		680		Case Depth (µm)		235.3																			
Indent Images																									
Hard. Curve																									
Statistics				<table border="1"> <tr> <td>Maximum</td> <td>591.3</td> <td>Minimum</td> <td>527.6</td> </tr> <tr> <td>Average</td> <td>560.0</td> <td>Std. Dev.</td> <td>18.02</td> </tr> <tr> <td>Cp</td> <td>2.22</td> <td>Cpk</td> <td>2.00</td> </tr> </table>										Maximum	591.3	Minimum	527.6	Average	560.0	Std. Dev.	18.02	Cp	2.22	Cpk	2.00
Maximum	591.3	Minimum	527.6																						
Average	560.0	Std. Dev.	18.02																						
Cp	2.22	Cpk	2.00																						
Operator		Test Date		Auditor		Audit date																			
		2015.12.20																							