

Vision Vicker Hardness Tester

VicVision VH-5/10/30/50

Touch Screen

Auto Rotating Turret

Auto Measuring

Auto Report



Application:

- VicVision main apply in testing hardness of metal material and scientific research.
- VicVision Hardness range from soft materials to very hard materials.
- Except very thin and coated layers, can test almost the metals.

Features:

VicVision is intelligentized Vickers system, adopted vision measuring technical and auto measuring indenter system, and auto output reports. There is no need to aim indentation and reading dialog line, and can avoid human error when measure dialog line, largely improve accuracy and efficiency.

Hoyamo Precision Instrument Limited

E-mail: sales@hoyamo.com Web: www.hoyamo.com

Add: R501, Unit 1, Building 3, Tianan Cyber Park, #1 Huangjin Road, Nancheng, Dongguan, China (523080)

Specification:

Product Name		Vision Vicker Hardness Tester		
Product Model		VH-10	VH -30	VH -50
Product Code#		821-210V	821-220V	821-230V
Test Force	Kgf	0.3、0.5、1、2、 2.5、3、5、10	0.5、1、2、2.5、3、5、 10、20、30	1、2、2.5、3、5、 10、20、30、50
	N	2.94、4.9、9.8、19.6、 24.5、29.4、49.0、98.0	4.9、9.8、19.6、24.5、29.4、 49.0、98.0、196、294	9.8、19.6、24.5、29.4、49.0、 98.0、196、294、490
Optical System		Observe and Measure Objectives : 10x/40x	Observe and Measure Objectives: 10x/20x	Observe and Measure Objectives: 10x/20x
Test Range		1HV-2967HV		
Turret		Auto Rotating Turret		
Loading Control		Auto loading dwell and unloading		
Dwell Time		5-60s adjustable		
Illumination		LED / Halogen adjustable		
Measuring System		iVicky 3.0 Auto Measuring Vickers System		
PC System	Operation System	Win10		
	Screen size	10.6"		
	CPU	Intel I3		
	USB	Double USB (could insert USB and soft dog)		
	RAM	2GB		
	Hard Disc	32GB		
	Camera	1.3MP Pixel, 1/2"CMOS Color Camera		
Max Height of Specimen		170mm		
Instrument Throat		130m		
Power Supply		AC220V/50Hz; AC110V/60Hz		
Dimension		530x225x630mm		
Packing Dimension		630x460x710mm		
Gross /Net Weight		77Kg/56Kg		
Execution Standard		ISO6507, ASTM E92, JIS Z2244, GB/T4340		

VH-5 Standard Delivery:

Product Name	Code #	Product Name	Code #	Product Name	Code #
--------------	--------	--------------	--------	--------------	--------

Hoyamo Precision Instrument Limited

E-mail: sales@hoyamo.com Web: www.hoyamo.com

Add: R501, Unit 1, Building 3, Tianan Cyber Park, #1 Huangjin Road, Nancheng, Dongguan, China (523080)

Vickers Intender	821-401	10x Mechanical Eyepiece Mechanical	821-301	Dust Cover	821-911
Φ100mm Working Stage	821-921	10x Measuring Objective	821-311	Toolbox	821-901
Hardness Block (700~800)HV5	821-611	40x Measuring Objective	821-341	Power Cord	821-801
USB Converting Cord	/	Vickers Hardness Vision Measurement	VicPad	Pad Adapter	/
Hardness Block (400~500)HV1	821-601	Warranty Card / Qualified Certificate	VH-5	Operation Manual / Packing List	VH-5

VH-10 Standard Delivery:

Product Name	Code #	Product Name	Code #	Product Name	Code #
Vickers Intender	821-401	10x Mechanical Eyepiece Mechanical	821-301	Dust Cover	821-911
Φ100mm Working Stage	821-921	10x Measuring Objective	821-311	Toolbox	821-901
Hardness Block (700~800)HV10	821-621	40x Measuring Objective	821-341	Power Cord	821-801
USB Converting Cord	/	Vickers Hardness Vision Measurement	VicPad	Pad Adapter	/
Hardness Block (400~500)HV1	821-601	Warranty Card / Qualified Certificate	VH-10	Operation Manual / Packing List	VH-10

VH-30 Standard Delivery:

Product Name	Code #	Product Name	Code #	Product Name	Code #
Vickers Intender	821-401	10x Mechanical Eyepiece Mechanical	821-301	Dust Cover	821-911
Φ100mm Working Stage	821-921	10x Measuring Objective	821-311	Toolbox	821-901
Hardness Block (700~800)HV30	821-631	20x Measuring Objective	821-321	Power Cord	821-801
USB Converting Cord	/	Vickers Hardness Vision Measurement	VicPad	Pad Adapter	/
Hardness Block (400~500)HV5	821-611	Warranty Card / Qualified Certificate	VH-30	Operation Manual / Packing List	VH-30

VH-50 Standard Delivery:

Hoyamo Precision Instrument Limited

E-mail: sales@hoyamo.com Web: www.hoyamo.com

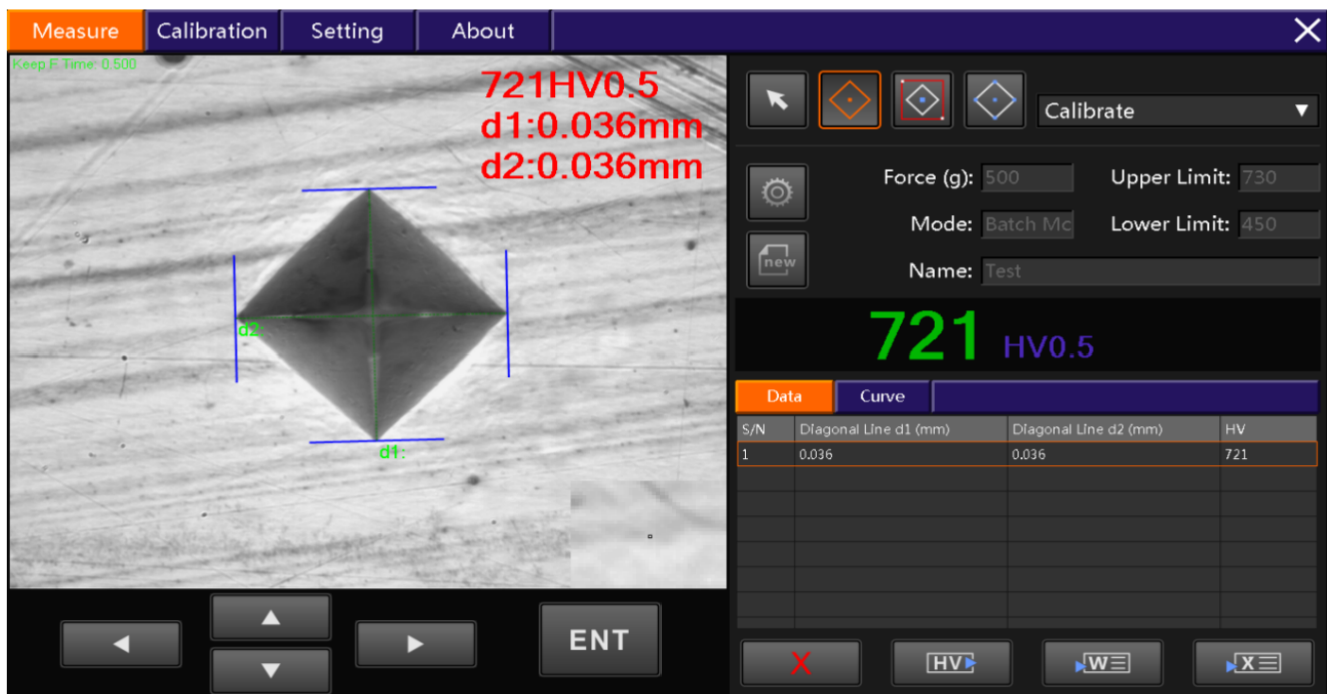
Add: R501, Unit 1, Building 3, Tianan Cyber Park, #1 Huangjin Road, Nancheng, Dongguan, China (523080)

Product Name	Code #	Product Name	Code #	Product Name	Code #
Vickers Intender	821-401	10x Mechanical Eyepiece Mechanical	821-301	Dust Cover	821-911
Φ100mm Working Stage	821-921	10x Measuring Objective	821-311	Toolbox	821-901
Hardness Block (700~800)HV30	821-631	20x Measuring Objective	821-321	Power Cord	821-801
USB Converting Cord	/	Vickers Hardness Vision Measurement	VicPad	Pad Adapter	/
Hardness Block (400~500)HV5	821-611	Warranty Card / Qualified Certificate	VH-50	Operation Manual / Packing List	VH-50

Optional Accessories:

Product Name	Code #	Product Name	Code #	Product Name	Code #
X-Y Cross Anvil	821-701	Thin-Piece Clamp	821-751	V-shape Anvil	821-521
Digital Micrometer Head	821-719	Flat Precision Clamp	821-711	USB CMOS Camera	821-471
Unequal Specimen Clamp	821-741	Filament Clamp	821-761	Camera Adapter	821-361
LCD Display	821-821	Heavy Anvil	821-781	Vickers Measuring Software	iVicky 2.0

Operation Interface:

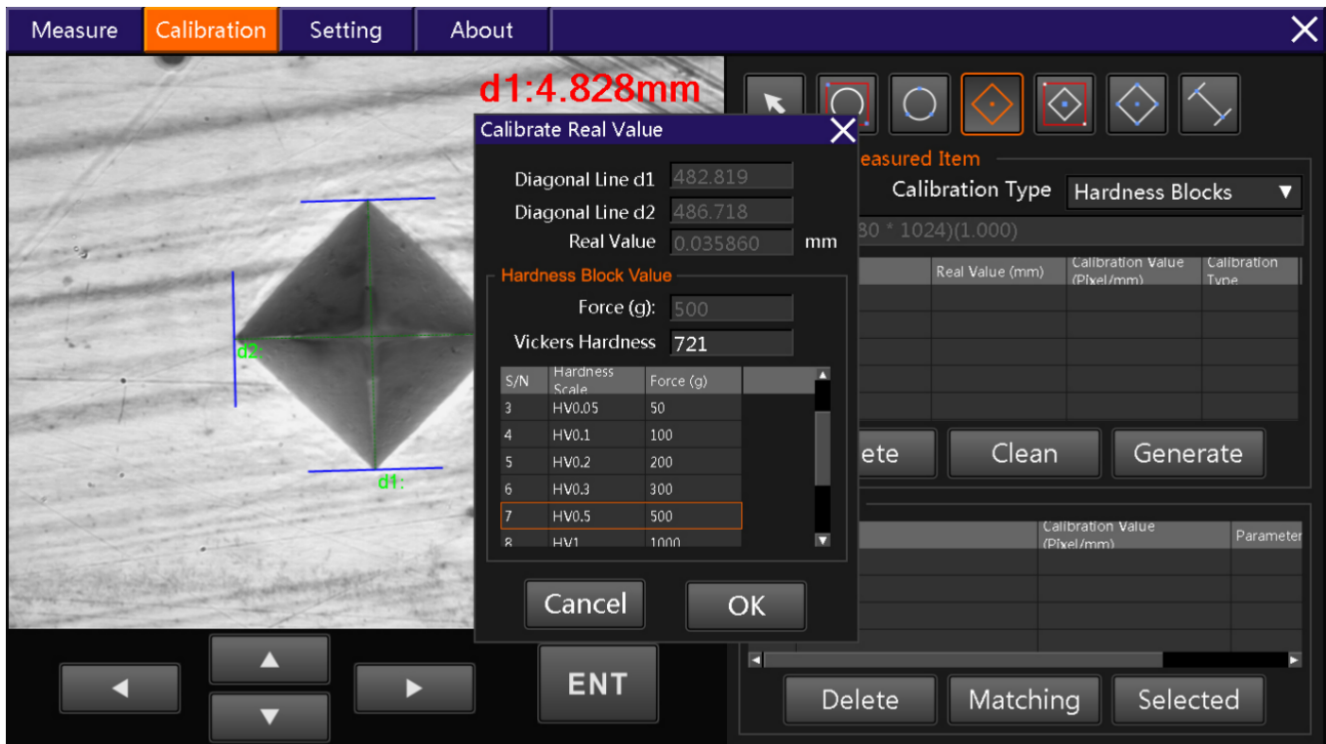


Calibration Setting:

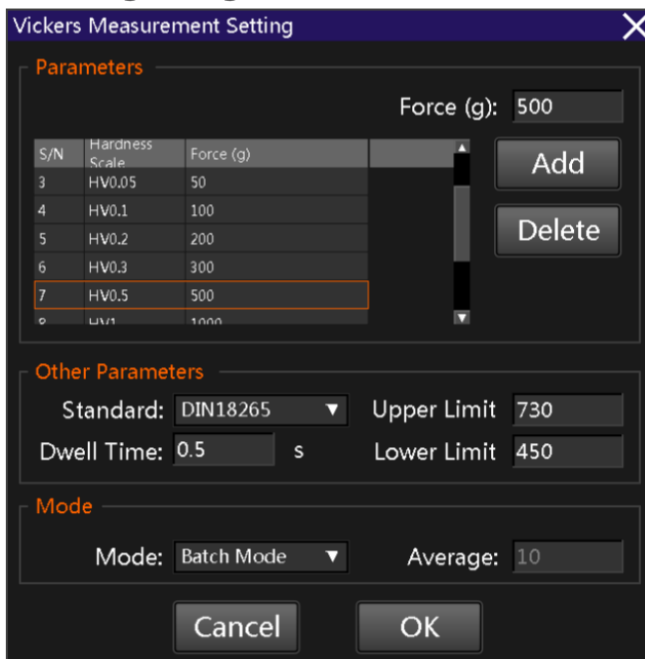
Hoyamo Precision Instrument Limited

E-mail: sales@hoyamo.com Web: www.hoyamo.com

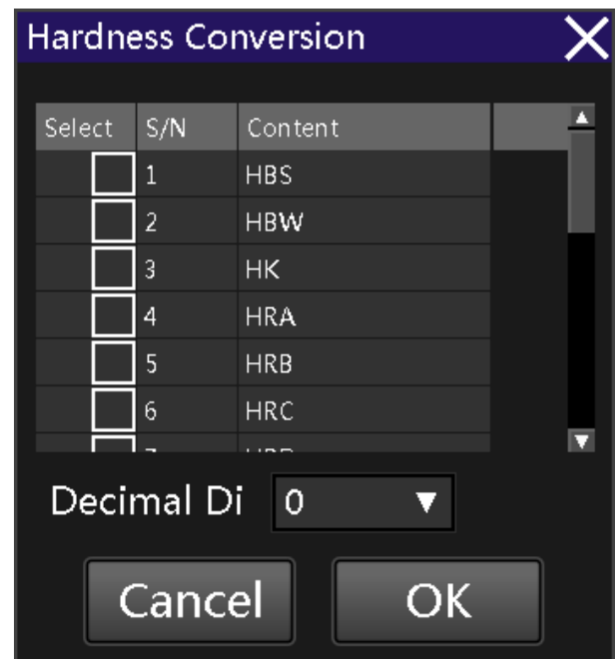
Add: R501, Unit 1, Building 3, Tianan Cyber Park, #1 Huangjin Road, Nancheng, Dongguan, China (523080)



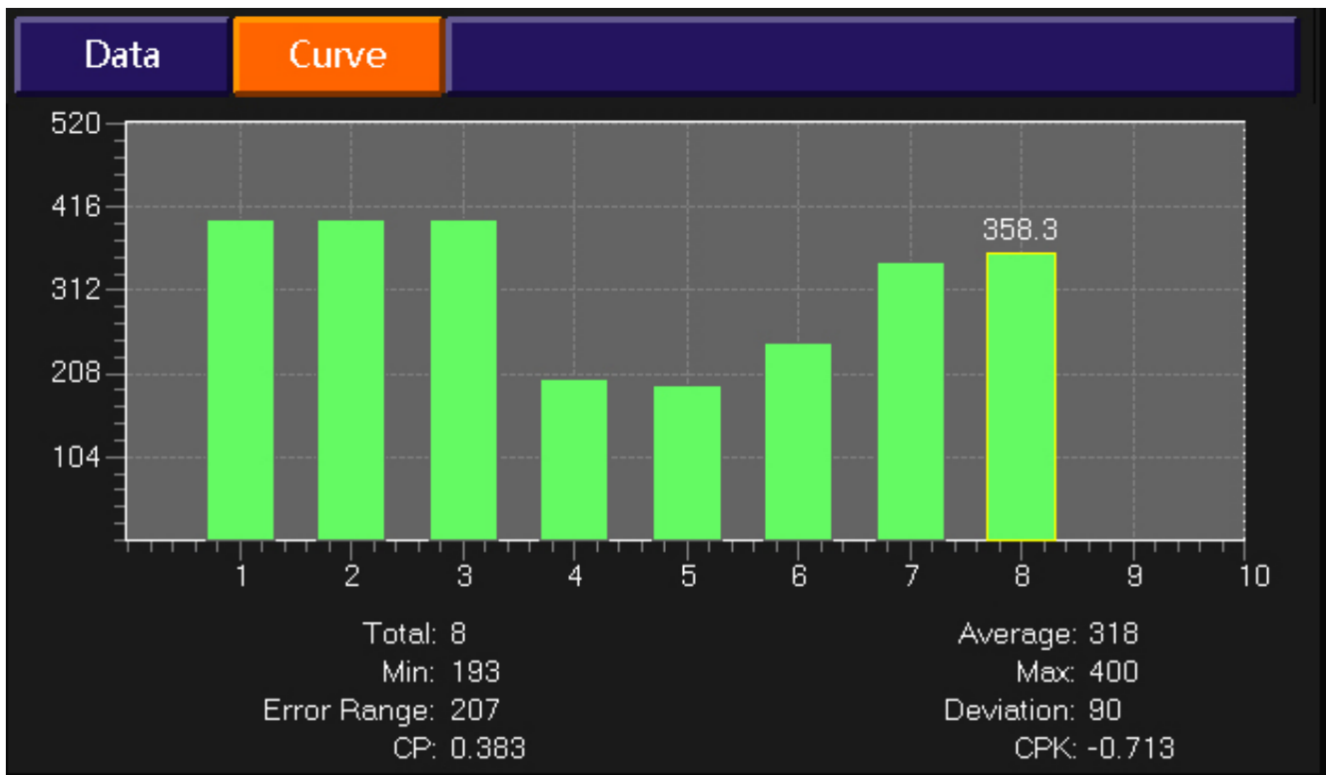
Measuring Setting



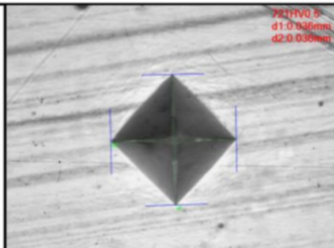
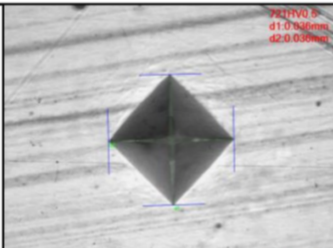
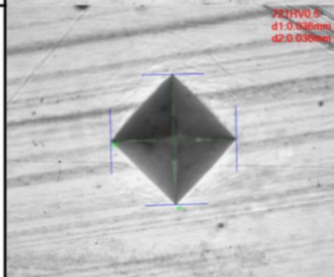
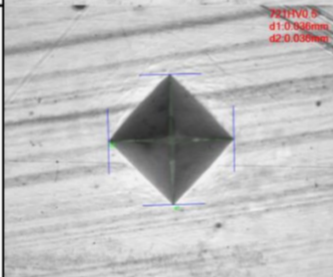
Hardness Conversion:



Hardness Curve:



Measuring Report: Auto measuring indentation, result, bound setting, NG/Pass setting

Vickers Hardness Measurement Report									
Department:	DepartmentA				Date:	2016-06-23		Operator:	OperatorA
Specimen:	Test				Quantity:	4		Sampling Rate:	100%
Parameters:	Force (gf)	Lower Limit	Upper Limit	Dwell Time	K=0.102F/D2		Standard		
	500	450	730	0.5s			DIN18265		
S/N	Diagonal Line d1 (mm)	Diagonal Line d2 (mm)	HV	--	--	--	--	MPa	NG/Pass
1	0.036	0.036	721						Pass
2	0.036	0.036	721						Pass
3	0.036	0.036	721						Pass
4	0.036	0.036	721						Pass
1				2					
3				4					
Total	Average	Min	Max	Error Range	Deviation	CP	CPK		
4	721	721	721	0	0	0	0		