



B.N.C.TOOLING Co.,Ltd.

BNCTOOLING.COM
BNCTOOLINGSHOP.COM

69/90 Hatairat Rd., Minburi ,Minburi Bangkok (Thailand) 10510



Vision Measuring Machine

TV Series Touch Screen Digital Vickers Hardness Tester

Vicky TV-10A

Model	Vicky TV-10A
Code#	821-240
Standard	ISO6507, ASTM E92, JIS Z2244, GB/T4340
Certificate	CE

Application

- Hardness testing of metals and scientific researching;
- Hardness range from soft materials to very hard materials;
- Except very thin and coated layers, can test almost the metals



Characteristics

- Equips with Auto Turret, close loop loading system, key panel and touch screen double input methods, blue tooth transferring technology, meets different kinds of materials measuring requirement.
- Close loop loading system is to realize auto loading, dwell and unloading, makes better accuracy and easier installation.
- 5.2" color touch screen with innovative interface design, makes force selection, dwell time setting, scale conversion and data reading, transferring, printing more convenient and fast.
- Operator can smoothly switch objectives and indenter by auto turret, maximally avoid damages of objectives, indenter and force system by manually operation.
- One touch operation of diagonal line by high resolution measurement/observation objectives and built-in length encoder high definition digital eyepiece.
- Auto hardness conversion from vickers scale HV to HK, HBW, HRA, HRB, HRC, superficial rockwell scales, etc.
- Equips with Bluetooth Device, optional Bluetooth printer and computer acceptor is available to realize wireless printing and data transferring.
- Abundant optional auxiliary devices to make hardness measurement more automated and eliminate human operation error, VicPad Vickers measurement device and iVicky 2.0 PC software system.



Vision Measuring Machine

Specification

Product Name		Touch Screen Digital Vickers Hardness Tester			
Model		Vicky TV-5A	Vicky TV-10A	Vicky TV-30A	Vicky TV-50A
Code#		821-220	821-240	821-260	821-280
Loading Force	N	2.94、4.9、9.8 、19.6、24.5、 29.4、49.0	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、19 6、294	9.8、19.6、24. 5、29.4、49.0 、98.0、196、2 94、490
	Kgf	0.3、0.5、1、2 、2.5、3、5	0.3、0.5、1、2 、2.5、3、5、1 0	0.5、1、2、2.5 、3、5、10、2 0、30	1、2、2.5、3、 5、10、20、30 、50
Optic System		Observe and M easure Objectiv es : 10X/20X	Observe and M easure Objectiv es : 10X/40X	Observe and M easure Objectiv es : 10X/20X	Observe and M easure Objectiv es : 10X/20X
Hardness Range		1HV-2967HV			
Turret		Manual Turret (Optional Motorized Turret)			
Loading Control		Auto loading dwell and unloading			
Eyepiece		10x digital Eyepiece			
Dwell Time		5-60s adjustable			
Illumination		LED / halogen			
Vertical Space		170mm			
Horizontal Space		130m			
Power Supply		AC220V/50Hz; AC110V/60Hz			
Tester Dimension		530x225x630mm			
Packing Dimension		630x460x710mm			
Gross / Net Weight		75Kg/55Kg			
Conform Standards		ISO6507, ASTM E92, JIS Z2244, GB/T4340			