



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

BNCTOOLING.COM
BNCTOOLINGSHOP.COM

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



Vision Measuring Machine

Digital Vickers Hardness Tester

Vicky TV-10Plus Series

Model	Vicky TV-10Plus
Code#	821-240Plus
Standard	JIS B -7735, ASTM E-384 and ISO 6507-2
Certificate	CE



Characteristics

- Vickers hardness tester with colour touch screen;
- 8 inches colour touch screen, high resolution, easy to operate;
- Strong and stable body;
- LED illumination, light, adjustable, long life and no heat;
- Data storage for review and printing;
- Rotatable turret with five working positions;
- 250 lines encode with more precise measurement;
- Conversion between different scales;
- Can be developed to semi-automatically system.



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

BNCTOOLING.COM
BNCTOOLINGSHOP.COM

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



Vision Measuring Machine

Specification

Model		Vicky TV-10Plus	Vicky TV-30Plus	Vicky TV-50Plus
Code#		821-240Plus	821-260Plus	821-280Plus
Test Load	Kgf	0.2 / 0.3 / 0.5 / 1 / 2 / 3 / 5 / 10	0.3 / 0.5 / 1 / 3 / 5 / 10 / 20 / 30	1 / 2 / 3 / 5 / 10 / 20 / 30 / 50
	Nf	1.961 / 2.942 / 4.903 / 9.807 / 19.614 / 29.42 / 49.035 / 98.07	9.807 / 19.614 / 29.421 / 49.035 / 98.07 / 196.14 / 294.21 / 490.35	9.807 / 19.614 / 29.421 / 49.035 / 98.07 / 196.14 / 294.21 / 490.35
Loading Mechanism		Automatic loading and releasing method 50~100 μ m/s		
Dwell Time		5 ~ 99 s		
Turret Mechanism		Automatic		
Diamond Indenter		VICKERS INDENTER (FOR HV)		
Objective	Normal	10X , 40X	10 X , 20X	10X
	Option	40x, 20x, 5X		
Measuring Microscope Eyepiece		Electronic Type 10X		
Max. Measuring length		900 μ m (In case of 100x) 230 μ m (In case of 400x)		
Mix. Measuring unit		0.1 μ m (0.01 μ m for CTS type)		
Max. Specimen Height		200mm		
Max. Specimen Depth		160mm		
Measuring Hardness Scale		HV, HK		
LCD-Touch Operation Panel		Load start / set up zero / dwell time / light adjustment / transformation scale turret location / data processing (browse / delete / print)System settings(test conditions / language/Communications/factorysettings)		
Numerical Display		D1 value / D2 value / HV-HK Instructions / hardness value /conversion value / load value / dwell time / test times / turret location		
Print Output		Measured data and statistic data (Max. Value / Min. value / Mean value / Range / Standard deviation)		
Light Source		LED Illuminator		
Accuracy		Conform to : JIS B -7735, ASTM E-384 and ISO 6507-2		
Photographic Device		Capable to mount photographic device (Option)		
Dimensions		W 226 × D 560 × H 660 mm		
Weight		72KG		
Power Supply		Single phase AC 220 V 50/60 Hz		