



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

BNCTOOLING.COM
BNCTOOLINGSHOP.COM

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



Vision Measuring Machine

Motorized Ultrasonic Hardness Tester

SU-300M

Model	SU-300M
Code#	882-141M
Accuracy	$\pm 3\%$ HV, $\pm 1.5\text{HR}$, $\pm 3\%\text{HB}$
Standard	ASTM A1038-2017; DIN50159-2009; GB/T 34205-2017
Certificate	CE



Introduction

- Perfect Accuracy—— $\pm 3\%$ HV, $\pm 1.5\text{HR}$, $\pm 3\%\text{HB}$.
- Microscopic Indentation—— Only high-power microscope can observe the indentation.
- Quick Measurement——Result in 2 seconds.
- Large LCD Display——Directly display measurement result, times count, maximum, minimal, average and deviation.
- Friendly Operation——Operate well after short training.
- Promised Warranty——2-Year warranty for main unit (Excludes Probe).
- Mass Storage——Save 1000 groups measurement data.
- Simple Calibration——Save 20 groups calibration data for invoking, improve calibration efficiency



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Specification

Commodity		Motorized Ultrasonic Hardness Tester				
Model	SU-300M					
Code#	882-141M					
Optional probe	Motorized Probe : 3N、5N、8N、10N; Manual Probe : 10N、20N、49N、98N ;					
Measuring Range	HBW:100-650; HV:100-1500; HRC:20-68; HRB:55-100; HRA:37-85; Mpa: 255-2180N/mm					
Measuring Accuracy (%)	Scales	< 250HV	250~500HV	500~800Hv	> 800HV	
	HV0.1	6	7	8	9	
	HV0.3	6	7	8	9	
	HV0.8	5	5	6	7	
	HV1	5	5	6	7	
	HV5	5	5	5	5	
	HV10	5	5	5	5	
Hardness Scales	Vickers(HV);Rockwell C(HRC); Rockwell A(HRA); RockwellB(HRB);Brinell(HB)					
LCD	Color Screen					
Data Display	LCD Backlight, Adjustable					
Language	Chinese, English, German, Portugese, Turkish					
Data Output	RS232 Hyper Terminal/Bluetooth Printer					
print	Bluetooth					
Data Storage	To save 1000-groups of measuring data and 20-groups of calibration data					
Word input	Letters and numerals					
Working Environment	Temperature: -10°C to 50°C Humidity :30%-80% R.H.					
Battery Voltage	Rechargeable lithium battery ; Voltage :4.2V, 4800mAh					
Recharger Voltage	AC220V/50Hz, 110V/60Hz					
Main unit Dimension and Weight	Main unit Dimension :160 x 80 x 30mm (L x W x H);Manual Probe:Φ22×153mm ; Weight(No Probe): 0.5Kg					
Packing Dimension and Weight	Packing Dimension 320 x 430 x 155mm (L x W x H) ; Packing Weight (Standard Delivery) 4.3Kg					



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Standard Delivery:

Product Name	Code #	Product Name	Code #	Product Name	Code #
Instrument Main Body	882-141M	10N Motorized Probe	882-251	Anti Vibration Case	882-901
Standard Rockwell Block	882-641	Probe Cable	882-801	Screw	882-951
USB Recharger	882-851	COM Cable	882-810	Operation Manual	SU-300M
Qualification Certificate	SU-300M	Packing List	SU-300M	Warranty Card	SU-300M

Application



bnctooling@hotmail.com
sales@bnctooling.com



02-918-8020
02-918-8021



089-788-5199
084-8744-883