



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

BNCTOOLING.COM
BNCTOOLINGSHOP.COM

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



Hardness Testing Machines

Roller Ultrasonic Hardness Tester

SU-320R

Model	SU-320R
Code#	882-141R
Accuracy	$\pm 3\%$ HV, ± 1.5 HR, $\pm 3\%$ HB
Standard	ASTM A1038-2017; DIN50159-2009; GB/T 34205-2017
Certificate	CE



Brief Introduction

- SU-320R Roller Motorized Ultrasonic Hardness Tester is a professional portable durometer made by Sinowon group. It applies method of ultrasonic contact independence to make hardness testing of copper plating and chrome in the workshop of Rotogravure industry.
- SU-320R standard motorized probe is MP-300 with 3N testing force. 2N motorized probe is option available if the chrome coating thickness is less than 15um.
- SU-320R conforms the standard ASTM A1038-2005, DIN standard DIN50159-1-2008 and China National standard GB/T 34205-2017.

Product Characteristic:

- Perfect Accuracy — $\pm 3\%$ HV, ± 1.5 HR, $\pm 3\%$ HB.
- Microscopic Indentation — the indentation only can be observed by high-power microscope
- Quick Measurement — Result in 6 seconds.
- Large LCD Display — Directly display measurement result, times count, maximum, minimal, average and deviation.
- Friendly Operation — The precise result will be display after one shot press
- 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	Roller Ultrasonic Hardness Tester				
Model	SU-320R				
Code	882-141R				
Standard Probe	3N Motorized Probe				
Hardness Range	HV:20-1700;				
Accuracy(%)	Scale	< 250HV	250~500HV	500~800Hv	> 800HV
	HV0.3	±3%	±3%	±3%	±3%
Display Scales	Vickers (HV) ; Rockwell (HRA、HRB、HRC) ; Brinell (HB) ;)				
Display Screen	3.2" Color LCD				
Statistics	Hardness value, Max, Min, Average, hardness conversion and Test Mode				
Language	Chinese,English, German, Portuguese, Turkish				
Data Output	USB				
Printing	Portable Bluetooth Printer				
Memory	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				
Re-charger Voltage	AC220V/50Hz, 110V/60Hz				
Unit Dimension	Main unit Dimension :160 x 80 x 30mm (L x W x H);				
Packing Dimension	Packing Dimension 320 x 430 x 155mm (L x W x H)				
Net/Gross Weight	2Kg/8Kg				



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Vision Measuring Machine

Standard Delivery:

Product Name	Code #	Product Name	Code #	Product Name	Code #
Instrument Main Body	882-141R	3N Motorized Probe	882-221	Anti Vibration Case	882-901
Testing Stand	MU-200	Probe Cable	882-801	Screw	882-951
USB Re-charger	882-851	USB Cable	882-810	Operation Manual Qualification Certificate Warranty Card	SU-320R

Application

