

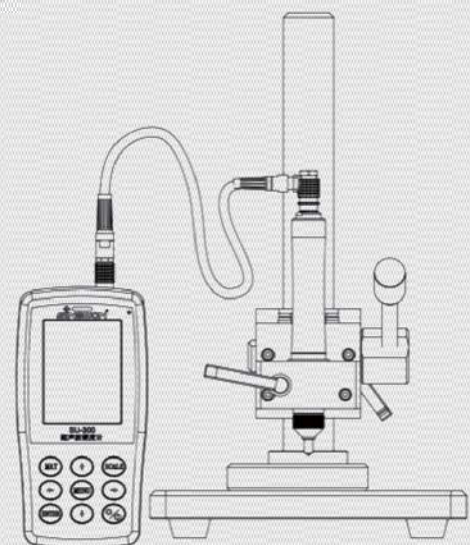
- Large LCD Display**  
3.2" Color Screen
- Microscopic Indentation**  
Invisible with naked eye
- Quick Measurement**  
Result in 2 seconds
- Friendly Operation**  
One Touch Operation
- Wireless Printer**  
Printing and data transferring



## Product Introduction

- SU-300H Manual Ultrasonic Hardness Tester is a classical portable durometer made by Sinowon group. It applies method of ultrasonic contact impedance to make hardness testing at the spot or in the laboratory.
- SU-300H manual ultrasonic hardness tester applies module design, which can work with manual probes HP-1K, HP-2K, HP-5K, HP-10K, can be used to test hardness of small forgings, cast material, weld inspection, heat affected zone, Ion-nitrided stamping dies and molds, forms, presses, thin walled parts, bearings, tooth flanks, etc.
- SU-300H can test hardness of ferrous metal, non ferrous metal and alloys, it is an ideal instrument, can test hardness of HRA, HRB, HRC, HV, HBW, HS on site, assembly line and lab.
- SU-300H can also be upgraded with motorized probes MP-300, MP-500, MP-800, MP-1000, then the function is same with SU-300M.

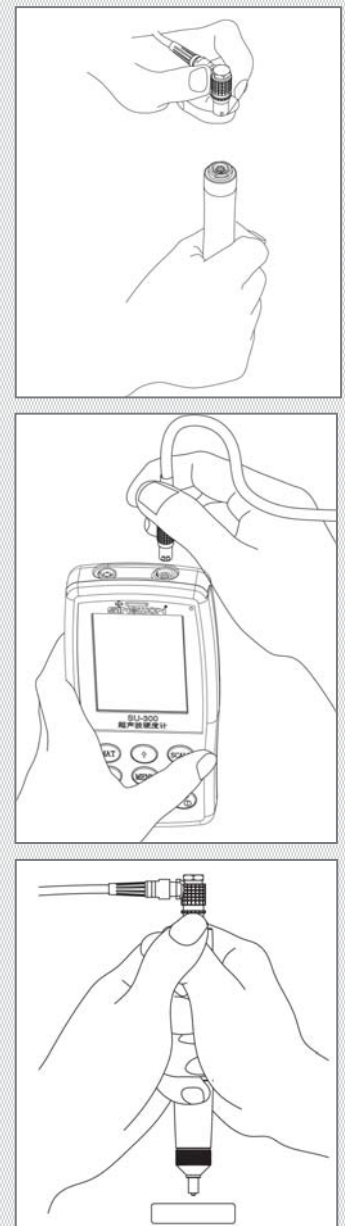
## Optional Testing Stand



## Specifications

Commodity	Manual Ultrasonic Hardness Tester				
Model	SU-300H				
Code#	882-141H				
Probe	Standard manual: HP-2K; Optional manual Probe: HP-1K, HP-5K, HP-10K; Optional Motorized Probe: MP-300, MP-500, MP-800, MP-1000				
Measuring Range(ASTM)	100-500HBS; 100-1500HV; 20-68HRC; 55-100HRB; 60-85HRA; 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); Rockwell B(HRB); Brinell(HB)				
LCD	3.2"Color Screen				
Data Display	Loading force, Testing-times, Testing result, Average, Maximum, Minimum, Deviation and Conversion scale.				
Language	Chinese, English, German, Portuguese, Turkish				
Data Output	USB Hyper Terminal/Bluetooth Printer				
Print	Bluetooth				
Data Storage	To save 1000-groups of measuring data and 20-groups of calibration data				
Word Input	Numbers and Letters				
Working Environment	Temperature: -10°C to 50°C ; Humidity: 30%-80% R.H.				
Battery Voltage	Rechargeable lithium battery; Voltage: 4.2V, 3200mAh				
Recharger Voltage	AC220V/50Hz, 110V/60Hz				
Main unit Dimension and Weight	Main unit Dimension: (160*80*31)mm (L x W x H); Manual Probe: Φ22×153mm ; Weight(No Probe): 0.5Kg				
Packing Dimension and Weight	Packing Dimension: (400*320*150)mm (L x W x H) ; Packing Weight (Standard Delivery): 5Kg				

## Probe Install



## Application

