



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

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Hardness Testing Machines

Portable Ultrasonic Durometer

SVR-110H

Model	SVR-110H
Code#	882-110
Accuracy	HR:±1.5HR
Standard	ASTM A1038-2017; DIN50159-2009; GB/T 34205-2017
Certificate	CE



1. Brief Introduction

- SVR-110 is a special manual portable durometer with manual probe HP-1K by Sinowon group. It applies method of ultrasonic contact independence to make hardness testing at the spot

SVR-110 is a NDT durometer due to the contact indentation is too small to observe, it is one of the excellent solution to test hardness of finished products, such as, the mold, gear, shaft, rod, screw, rails, etc.

SVR-110 conforms the standard ASTM A1038-2005, DIN standard DIN50159-1-2008 and China National standard GB/T 34205-2017

2. Product Features:

2.1 High Accuracy

HV: ±3% HV, HR:±1.5HR, Conform internal standard ASTM A1038, DIN50159

2.2 Microscopic Indentation

The indentation size of SVR-110 is same with HV1 of micro hardness testing in one specimen, it is too small to observe by eyes, it is a non-destructive method for the specimen.

2.3 Quick Measurement

In 2 seconds to get hardness value, working efficiency is 60 times higher than normal bench hardness testers.



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3. Technical Specification

Product Name	Portable UCI Durometer
Model	SVR-110H
Code#	882-110
Testing force	Manual 10N
Hardness Range	HV 80-1599; HRC 20-70;
Accuracy	±3% HV; HR:±1.5HR
Measuring Scales	HV/HRC
Language	English, Chinese
Data Output	RS232
Data Saving	20-group calibration data, 1000-group measurement data
Working Conditions	Temp: -10℃~50℃; Humidity: 30%~80%
Power Supply	Rechargeable lithium battery, battery 4.2V,4800mAh
Rechargeable Voltage	AC220V/50Hz, 110V/60Hz

4. Standard delivery

Accessories	Code #	Accessories	Code #
SVR-110 Main unit	882-110H	10N manual probe	882-241
Rockwell test block	882-641	Probe cable	882-801
USB Recharger	882-851	USB cable	852-810
Carrying case	882-901	Carrying case	882-901
Operation manual	SVR-110H	Warranty card	SVR-110H
Quality certificate	SVR-110H	Packing list	SVR-110H