

VGI

Digital Dual Rockwell Hardness Tester (Rockwell and superficial Rockwell hardness incorporated tester)



Note :
Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
without notice!

Introduction

Digital Dual Rockwell hardness tester with a novel and pleasing appearance, full functions, easy operation, clear and direct-viewing display and stable performance, it's a high tech and new product combining the mechanic and electric features, this tester is able to measure the Rockwell and Superficial Rockwell hardness value with all scales, it's main functions is as follows:

- 1, the selection of all hardness scales for Rockwell and superficial Rockwell; Total 18 kinds of testing methods, and testing force automatic selection.
- 2, Dwell time adjustment;
- 3, Reset and cancel function;
- 4, Review the testing data (max. 24 times);
- 5, Data processing and output by micro-printer;
- 6, RS232 serial communication is supplied to clients for the functional extension;
- 7, Various hardness values comparison and exchange;
- 8, 5.2 inch large LCD screen.

Specifications

Model	HRSS-150	
Methods	Rockwell	Superficial Rockwell
Hardness scale	A,B,C,D,E,F,G,H,K,L,M,P,R,S,C	15N, 30N, 45N, 15T, 30T, 45T, 15W, 30W, 45W, 15X, 30X, 45X, 15Y, 30Y, 45Y
Initial testing force	98.07N (10Kg)	29.42N (3Kg)
Total test force	588.4N (60kg), 980.7N (100Kg), 1471N (150Kg)	147.1N (15Kg), 2994.2N (30Kg), 441.3N(45Kg)
Duration time control	0-60S adjustable	
Hardness value resolution	0.1 Rockwell hardness unit	
LCD display	Menu selection, hardness value displaying, data statistics, storage, parameter setting etc.,	
Calculation	Test times, average value, Max. value, Min. Value, repeatability; with alarm function and can set the upper and lower limited value.	
Data output	Built in printer and RS232 interface	
Scales exchange	Brinell, vicker's Rockwell, Superficial Rockwell etc.	
Max. height of specimen	220mm	
Max. width of specimen	130mm	
Dimensions	520x280x700mm	
Weight	45Kg	
Power supply	AC 220V, 50-60Hz	
Standard Accessories	Standard Rockwell hardness block: 3pcs	Standard Superficial Rockwell hardness block: 2pcs
	Diamond Rockwell hardness indenter, ϕ 1.5875mm hard alloy ball indenter, Testing table (big, medium, "V"), Weight (1, 2, 3, 4, 5), RS232 cable, Power Cord, etc.	

Application

It serves to measure the Rockwell and superficial Rockwell hardness of hard metals, carburized steels, quenched steel, hard cast iron, mild steels, Al-alloys, Cu-alloys and malleable irons, other chemical treating layers, it is also used to for hardness test of thin pieces

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