



NOVOTEST

Digital Superficial Rockwell Hardness Tester NOVOTEST TB-SR-C



Datasheet

2022

1. Introduction

Digital Superficial Rockwell Hardness Tester NOVOTEST TB-SR-C is an advanced device among the other superficial Rockwell hardness testing equipment models.

With large LCD digital screen, convenient menu structure to display and manipulate measurements results, and its reliable and stable performance it is an outstanding device in its class.

High convenience is provided with digital control elements, that lets to choose, and exchange superficial Rockwell hardness scales, making test, saving and printing the results, and processing them with optional data processing software.

2. Specifications

2.1 Advantages

- The bench Rockwell hardness tester has the hyper terminal setting RS-232 with good reliability, excellent operation and easy watching.

2.2 Specifications

Initial testing force	3kgf (29.42N)
Hardness resolution	0.5HR
Dwell time	2-60s
Data output	Inside printer, RS232 data port
Exchange scales	Rockwell, superficial Rockwell
Testing force	•15kgf(147.1N) •30kgf(294.2N) •45kgf(441.3N)
Rockwell scale	•HR15N •HR30N •HR45N •HR15T •HR30T •HR45T
Testing range	•HR15N:70-94 •HR30N:42-86 •HR45N:20-77 •HR15T:67-93 •HR30T:29-82 •HR45T:10-72
Display mode	LCD digital screen

Power supply	AC220V, 50/60Hz
Carried standard	•ISO 6508-2 •ASTM E18
Max height of specimens	200 mm (can be produced up to 400 mm)
Max depth of specimens	135 mm
Dimension (cm)	61*40*80 (L*W*H)
Packing weight	70KG

2.3 Available options

- Indenters
- Standard hardness test blocks
- Other types of Rockwell scales

2.4 Standard package

- Diamond Rockwell indenter
- Standard superficial Rockwell block 4pc.:
 - 88-92 HR15N
 - 74-82 HR30N
 - 42-55 HR30N
 - 70-82 HR30T
- Weight (A, B, C) (1pc. of each)
- Dia.1/16" ball indenter
- Big, medium and V shaped testing platform (1pc. of each)
- Dustproof cover
- User's manual book
- Quality certificate
- Printer manual book