Touch-Screen Automatic Turret- Digital Eyepiece-Brinell Hardness Tester

Model: THB-3000-ADT

Product Introduction

The Brinell hardness meter is mainly used to measure the Brinell hardness of the material Brinell hardness meter. Suitable for determination of Brinell hardness of ferrous metals and nonferrous metals. The hardness value can be automatically calculated and displayed on the LCD screen. The reading is accurate and the operation is convenient.

1.Loadcell based, force feedback, Step-control system
2. Test Force range: 62.5 kgf ~ 3000 kgf
3.Automatic switching of indenter and objective lenses
4.Data on all operations and test results can be displayed on the screen
5.Built in mini printer
6.Video screen measurement device and CCD image automatic measurement system can be configured according to the special needs of users.(optional)

Field of Application

It is mainly used for hardness determination of cast iron, steel, non-ferrous metals and soft alloys. It can also be used for hardness determination of some non-metallic materials.

Technical Parameters

Product Model	**THB-3000ADT**
Brinell scale	HBW2.5/62.5, HBW2.5/187.5, HBW5/62.5,HBW5/125, HBW5/250,HBW5/750, HBW10/100,HBW10/125,HBW10/250, HBW10/500, HBW10/1000,HBW10/1500, HBW10/3000
Testing force	62.5kgf,100kgf,125kgf,187.5kgf,250kgf,500kgf,750kgf,1000kgf, 1500kgf,3000kgf
	612.9N,980.7N,1226N,1839N,2452N,4903N,7355N,8907N,14710N,29420N
Minimum unit of measurement	1um
Dwell time	0~60s
Turret	Automatic
Hardness testing range	8~650HBW
Total magnification	20X
Execution standard	ISO 6506,ASTM E10-12
Hardness reading	LCD
Data output	Built-in printer
Power	AC220+5%,50~60Hz
Distance between indenter center to body	135mm
Maximum height of the specimen	275mm
Weight	130kg

Standard configuration

Name	Quantity
Digital Eyepiece	**1**
Standard hardness block	**2**
Fuse 2A	**3**
Power Cable	**1**
Φ2.5,5,10mm Hard alloy ball indenter	**1 for each**
Flat table(100 mm)	**1 for each**
V-table(60 mm)	**1 for each**
Printer roll	1
Machine Manual	1

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