

560RSS Digital Double Rockwell Hardness Tester

Main Function:

560RSS Digital double Rockwell hardness tester is equipped with a newly-designed large displaying screen with good reliability, excellent operation and easy watching, thus it is a high-tech product combining the mechanic and electric features. It can show and set the present scale, test force, test indenter, dwell time and hardness conversion; the main function is as follows: Selection of all the Rockwell and superficial Rockwell scales; Conversion scales of different kinds of hardness; Test results can be saved and printed out, automatic calculation of maximum, minimum and average value; With RS232 interface for connecting to the computer.

Application range:

Suitable for quenched steel, tempered steel, annealed steel, cold and hard casting, malleable cast iron, hard alloy steel, aluminum alloy, copper alloy, bearing steel etc. Also suitable for surface quenched steel, surface heat treating and chemical treating materials, sheet, zinc layers, chrome layers, tin layers etc.

Technical Specification:

Model	560RSS
Initial Test Force	3kgf (29.42N), 10kgf (98.07N)
Total Test Force	15kgf (147.1N), 30kgf (294.2N), 45kgf (441.3N), 60kgf (558.4N), 100kgf (980.7N), 150kgf (1471N)
Indenter	Diamond Rockwell Indenter, ϕ 1.588mmBall Indenter
Loading Method	Automatic (Loading/Dwell/Unloading)
Hardness Reading	LCD Screen Display
Test Scale	HRA, HRD, HRC, HRF, HRB, HRG, HRH, HRE, HRK, HRL, HRM, HRP, HRR, HRS, HRV HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HR15W, HR30W, HR45W, HR15X, HR30X, HR45X, HR15Y, HR30Y, HR45Y
Conversion Scale	HV, HK, HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HS, HBW
Data Output	Built-in Printer, RS232 Interface
Resolution	0.1HR
Dwell Time	0~60s
Max. Height of Specimen	175mm
Throat	165mm
Power Supply	AC220V, 50Hz

Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension	520×215×740mm, Packing Dimension: 650×370×980mm
Weight	Net Weight: 80kg, Gross Weight: 100kg

Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	Diamond Rockwell Indenter	1 pc
φ1.588mm Ball Indenter	1 pc	Middle Plane Test Table	1 pc
Large Plane Test Table	1 pc	V-shaped Test Table	1 pc
Hardness Block 60~70 HRC	1 pc	Hardness Block 20~30 HRC	1 pc
Hardness Block 80~100 HRB	1 pc	Hardness Block 70~85 HR30T	1 pc
Hardness Block 65~80 HR30N	1 pc	Weight 1, 2, 3, 4, 5	5 pcs
Power Cable	1 pc	Fuse 2A	2 pcs
Level	1 pc	Horizontal Regulating Screw	4 pcs
Screw Driver	1 pc	Spanner	1 pc
Anti-dust Cover	1 pc	Usage Instruction Manual	1 copy



560RSSZ Automatic Double Rockwell Hardness Tester

Main Function:

560RSSZ Automatic double Rockwell hardness tester with a good aesthetic aspect, complete functions, easy operation, intuitive display and good reliability, is a high-tech product combining the mechanic and electric features, which is suitable for the Rockwell and superficial Rockwell hardness test.

1. Support for all the Rockwell and superficial Rockwell scales;
2. Support for conversion scales of different kinds of hardness;
3. Touch screen display and operation, dynamically display the working state of the lifting screw and the indenter;
4. Press operation for the test table, fast rising or dropping;
5. One key to complete the rising of the specimen, loading dwell and unloading of the indenter, displaying of the hardness value, homing of the test table;
6. With data storage function, automatic calculation of the maximum, minimum, average of the hardness value, the test results can be printed for output, and with a RS232 interface users can connect it to the computer for output.

Application range:

Suitable for quenched steel, tempered steel, annealed steel, cold and hard casting, malleable cast iron, hard alloy steel, aluminum alloy, copper alloy, bearing steel etc. Also suitable for surface quenched steel, surface heat treating and chemical treating materials, sheet, zinc layers, chrome layers, tin layers etc.

Technical Specification:

Model	560RSSZ
Initial Test Force	3kgf (29.42N), 10kgf (98.07N)
Total Test Force	15kgf (147.1N), 30kgf (294.2N), 45kgf (441.3N), 60kgf (558.4N), 100kgf (980.7N), 150kgf (1471N)
Indenter	Diamond Rockwell Indenter, ϕ 1.588mmBall Indenter
Loading Method	Automatic (Loading/Dwell/Unloading)
Automatic Test Table	Automatic Rising and Homing, One Key to Complete
Hardness Reading	Touch Screen
Test Scale	HRA, HRD, HRC, HRF, HRB, HRG, HRH, HRE, HRK, HRL, HRM, HRP, HRR, HRS, HRV HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HR15W, HR30W, HR45W, HR15X, HR30X, HR45X, HR15Y, HR30Y, HR45Y
Conversion Scale	HV, HK, HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HBW

Data Output	RS232 Interface
Resolution	0.1HR
Dwell Time	0~99s
Max. Height of Specimen	320mm
Throat	150mm
Power Supply	AC220V, 50Hz
Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension	535×330×890mm, Packing Dimension: 820×460×1170mm
Weight	Net Weight: 80kg, Gross Weight: 100kg

Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	Diamond Rockwell Indenter	1 pc
φ1.588mmBall Indenter	1 pc	Middle Plane Test Table	1 pc
Large Plane Test Table	1 pc	V-shaped Test Table	1 pc
Hardness Block 60~70 HRC	1 pc	Hardness Block 20~30 HRC	1 pc
Hardness Block 80~100 HRB	1 pc	Hardness Block70~85 HR30T	1 pc
Hardness Block 65~80 HR30N	1 pc	Fuse 2A	2 pcs
Power Cable	1 pc	Anti-dust Cover	1 pc
Usage Instruction Manual	1 copy		



HR-150A Rockwell Hardness Tester

Main Function:

HR-150A Rockwell hardness tester is a popularly-used hardness testing instrument to measure the Rockwell hardness of the materials. No need for power supply, the speed of the test force loading is regulated by the buffer and the test force is regulated by the load-change hand wheel. It has easy operation and stable performance, therefore it is widely used.

Application range:

Suitable for quenched steel, tempered steel, annealed steel, cold and hard casting, malleable cast iron, hard alloy steel, aluminum alloy, copper alloy, bearing steel etc.

Technical Specification:

Model	HR-150A
Initial Test Force	10kgf (98.07N)
Total Test Force	60kgf (588.4N), 100kgf (980.7N), 150kgf (1471N)
Indenter	Diamond Rockwell Indenter, ϕ 1.588mmBall Indenter
Loading Method	Manual
Hardness Reading	Dial
Resolution	0.5HR
Max. Height of Specimen	175mm
Throat	165mm
Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension	520×245×700mm, Packing Dimension: 650×370×950mm
Weight	Net Weight: 78kg, Gross Weight: 100kg

Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	Diamond Rockwell Indenter	1 pc
ϕ 1.588mmBall Indenter	1 pc	Middle Plane Test Table	1 pc
Large Plane Test Table	1 pc	V-shaped Test Table	1 pc
Hardness Block 60~70 HRC	1 pc	Hardness Block 20~30 HRC	1 pc
Hardness Block 80~100 HRB	1 pc	Weight A, B, C	3 pcs
Anti-dust Cover	1 pc	Usage Instruction Manual	1 copy



HR-150DT Motorized Rockwell Hardness Tester

Main Function:

HR-150DT Motorized Rockwell hardness tester adopts the mechanism of automatic loading and unloading of the test force, the test force is regulated by the load-change hand wheel. It can select the dwell time and is very easy to use. Besides setting zero to dial, there is no man-made error. The instrument has high sensitivity and stability.

Application range:

Suitable for quenched steel, tempered steel, annealed steel, cold and hard casting, malleable cast iron, hard alloy steel, aluminum alloy, copper alloy, bearing steel etc.

Technical Specification:

Model	HR-150DT
Initial Test Force	10kgf (98.07N)
Total Test Force	60kgf (558.4N), 100kgf (980.7N), 150kgf (1471N)
Indenter	Diamond Rockwell Indenter, ϕ 1.588mmBall Indenter
Loading Method	Automatic (Loading/Dwell/Unloading)
Hardness Reading	Dial
Resolution	0.5HR
Dwell Time	2~60s
Max. Height of Specimen	175mm
Throat	165mm
Power Supply	AC220V, 50Hz
Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension	520×215×700mm, Packing Dimension: 650×370×950mm
Weight	Net Weight: 78kg, Gross Weight: 100kg

Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	Diamond Rockwell Indenter	1 pc
ϕ 1.588mmBall Indenter	1 pc	Middle Plane Test Table	1 pc
Large Plane Test Table	1 pc	V-shaped Test Table	1 pc
Hardness Block 60~70 HRC	1 pc	Hardness Block 20~30 HRC	1 pc
Hardness Block 80~100 HRB	1 pc	Weight A, B, C	3 pcs
Power Cable	1 pc	Fuse 2A	2 pcs
Level	1 pc	Horizontal Regulating Screw	4 pcs

Screw Driver	1 pc	Spanner	1 pc
Anti-dust Cover	1 pc	Usage Instruction Manual	1 copy



HRA-150/45 Double Rockwell Hardness Tester

Main Function:

HRA-150/45 Double Rockwell hardness tester is a popularly-used hardness testing instrument to measure the Rockwell and superficial Rockwell hardness of the materials. No need for power supply, the speed of the test force loading is regulated by the buffer and the test force is regulated by the load-change hand wheel. It has easy operation and stable performance, therefore it is widely used.

Application range:

Suitable for quenched steel, tempered steel, annealed steel, cold and hard casting, malleable cast iron, hard alloy steel, aluminum alloy, copper alloy, bearing steel etc. Also suitable for surface quenched steel, surface heat treating and chemical treating materials, sheet, zinc layers, chrome layers, tin layers etc.

Technical Specification:

Model	HRA-150/45
Initial Test Force	3kgf (29.42N), 10kgf (98.07N)
Total Test Force	15kgf (147.1N), 30kgf (294.2N), 45kgf (441.3N), 60kgf (558.4N), 100kgf (980.7N), 150kgf (1471N)
Indenter	Diamond Rockwell Indenter, ϕ 1.588mmBall Indenter
Loading Method	Manual
Hardness Reading	Dial
Resolution	0.5HR
Max. Height of Specimen	175mm
Throat	165mm
Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension	520×255×700mm, Packing Dimension: 650×370×950mm
Weight	Net Weight: 80kg, Gross Weight: 100kg

Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	Diamond Rockwell Indenter	1 pc
ϕ 1.588mmBall Indenter	1 pc	Middle Plane Test Table	1 pc
Large Plane Test Table	1 pc	V-shaped Test Table	1 pc
Hardness Block 60~70 HRC	1 pc	Hardness Block 20~30 HRC	1 pc
Hardness Block 80~100 HRB	1 pc	Hardness Block 70~85 HR30T	1 pc
Hardness Block 65~80 HR30N	1 pc	Weight 1, 2, 3, 4, 5	5 pcs
Level	1 pc	Horizontal Regulating Screw	4 pcs

Screw Driver	1 pc	Spanner	1 pc
Anti-dust Cover	1 pc	Usage Instruction Manual	1 copy



HRM-45 Superficial Rockwell Hardness Tester

Main Function:

HRM-45 Superficial Rockwell hardness tester is a popularly-used hardness testing instrument to measure the superficial Rockwell hardness of the materials. No need for power supply, the speed of the test force loading is regulated by the buffer and the test force is regulated by the load-change hand wheel. It has easy operation and stable performance, therefore it is widely used.

Application range:

Suitable for surface quenched steel, surface heat treating and chemical treating materials, copper alloy, aluminum alloy, sheet, zinc layers, chrome layers, tin layers, bearing steel and cold and hard casting etc.

Technical Specification:

Model	HRM-45
Initial Test Force	3kgf (29.42N)
Total Test Force	15kgf (147.1N), 30kgf (294.2N), 45kgf (441.3N)
Indenter	Diamond Rockwell Indenter, ϕ 1.588mmBall Indenter
Loading Method	Manual
Hardness Reading	Dial
Resolution	0.5HR
Max. Height of Specimen	175mm
Throat	165mm
Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension	520×245×700mm, Packing Dimension: 650×370×950mm
Weight	Net Weight: 73kg, Gross Weight: 100kg

Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	Diamond Rockwell Indenter	1 pc
ϕ 1.588mmBall Indenter	1 pc	Middle Plane Test Table	1 pc
Large Plane Test Table	1 pc	V-shaped Test Table	1 pc
Hardness Block 70~85 HR30T	1 pc	Hardness Block 80~90 HR15N	1 pc
Hardness Block 65~80 HR30N	1 pc	Weight A, B, C	3 pcs
Anti-dust Cover	1 pc	Usage Instruction Manual	1 copy



HRM-45DT Motorized Superficial Rockwell Hardness Tester

Main Function:

HRM-45DT Motorized superficial Rockwell hardness tester adopts the mechanism of automatic loading and unloading of the test force, the test force is regulated by the load-change hand wheel. It can select the dwell time and is very easy to use. Besides setting zero to dial, there is no man-made error. The instrument has high sensitivity and stability.

Application range:

Suitable for surface quenched steel, surface heat treating and chemical treating materials, copper alloy, aluminum alloy, sheet, zinc layers, chrome layers, tin layers, bearing steel and cold and hard casting etc.

Technical Specification:

Model	HRM-45DT
Initial Test Force	3kgf (29.42N)
Total Test Force	15kgf (147.1N), 30kgf (294.2N), 45kgf (441.3N)
Indenter	Diamond Rockwell Indenter, ϕ 1.588mmBall Indenter
Loading Method	Automatic (Loading/Dwell/Unloading)
Hardness Reading	Dial
Resolution	0.5HR
Dwell Time	2~60s
Max. Height of Specimen	175mm
Throat	165mm
Power Supply	AC220V, 50Hz
Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension	520×215×700mm, Packing Dimension: 650×370×950mm
Weight	Net Weight: 73kg, Gross Weight: 100kg

Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	Diamond Rockwell Indenter	1 pc
ϕ 1.588mmBall Indenter	1 pc	Middle Plane Test Table	1 pc
Large Plane Test Table	1 pc	V-shaped Test Table	1 pc
Hardness Block 70~85 HR30T	1 pc	Hardness Block 80~90 HR15N	1 pc
Hardness Block 65~80 HR30N	1 pc	Weight A, B, C	3 pcs

Power Cable	1 pc	Fuse 2A	2 pcs
Level	1 pc	Horizontal Regulating Screw	4 pcs
Screw Driver	1 pc	Spanner	1 pc
Anti-dust Cover	1 pc	Usage Instruction Manual	1 copy



HRMS-45 Digital Superficial Rockwell Hardness Tester

Main Function:

HRMS-45 Digital superficial Rockwell hardness tester is equipped with a newly-designed large displaying screen with good reliability, excellent operation and easy watching, thus it is a high-tech product combining the mechanic and electric features. It can show and set the present scale, test force, test indenter, dwell time and hardness conversion; the main function is as follows: Selection of all the superficial Rockwell scales; Conversion scales of different kinds of hardness; Test results can be saved and printed out, automatic calculation of maximum, minimum and average value; With RS232 interface for connecting to the computer.

Application range:

Suitable for surface quenched steel, surface heat treating and chemical treating materials, copper alloy, aluminum alloy, sheet, zinc layers, chrome layers, tin layers, bearing steel and cold and hard casting etc.

Technical Specification:

Model	HRMS-45
Initial Test Force	3kgf (29.42N)
Total Test Force	15kgf (147.1N), 30kgf (294.2N), 45kgf (441.3N)
Indenter	Diamond Rockwell Indenter, ϕ 1.588mm Ball Indenter
Loading Method	Automatic (Loading/Dwell/Unloading)
Hardness Reading	LCD Screen Display
Test Scale	HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HR15W, HR30W, HR45W, HR15X, HR30X, HR45X, HR15Y, HR30Y, HR45Y
Conversion Scale	HV, HK, HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HS, HBW
Data Output	Built-in Printer, RS232 Interface
Resolution	0.1HR
Dwell Time	0~60s
Max. Height of Specimen	175mm
Throat	165mm
Power Supply	AC220V, 50Hz
Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension	520×215×700mm, Packing Dimension: 650×370×950mm
Weight	Net Weight: 73kg, Gross Weight: 100kg

Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	Diamond Rockwell Indenter	1 pc
φ1.588mmBall Indenter	1 pc	Middle Plane Test Table	1 pc
Large Plane Test Table	1 pc	V-shaped Test Table	1 pc
Hardness Block 70~85 HR30T	1 pc	Hardness Block 80~90 HR15N	1 pc
Hardness Block 65~80 HR30N	1 pc	Weight A, B, C	3 pcs
Power Cable	1 pc	Fuse 2A	2 pcs
Level	1 pc	Horizontal Regulating Screw	4 pcs
Screw Driver	1 pc	Spanner	1 pc
Anti-dust Cover	1 pc	Usage Instruction Manual	1 copy



HRS-150 Digital Rockwell Hardness Tester

Main Function:

HRS-150 Digital Rockwell hardness tester is equipped with a newly-designed large displaying screen with good reliability, excellent operation and easy watching, thus it is a high-tech product combining the mechanic and electric features. It can show and set the present scale, test force, test indenter, dwell time and hardness conversion; the main function is as follows: Selection of all the Rockwell scales; Conversion scales of different kinds of hardness; Test results can be saved and printed out, automatic calculation of maximum, minimum and average value; With RS232 interface for connecting to the computer.

Application range:

Suitable for quenched steel, tempered steel, annealed steel, cold and hard casting, malleable cast iron, hard alloy steel, aluminum alloy, copper alloy, bearing steel etc.

Technical Specification:

Model	HRS-150
Initial Test Force	10kgf (98.07N)
Total Test Force	60kgf (558.4N), 100kgf (980.7N), 150kgf (1471N)
Indenter	Diamond Rockwell Indenter, ϕ 1.588mmBall Indenter
Loading Method	Automatic (Loading/Dwell/Unloading)
Hardness Reading	LCD Screen Display
Test Scale	HRA, HRD, HRC, HRF, HRB, HRG, HRH, HRE, HRK, HRL, HRM, HRP, HRR, HRS, HRV
Conversion Scale	HV, HK, HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HS, HBW
Data Output	Built-in Printer, RS232 Interface
Resolution	0.1HR
Dwell Time	0~60s
Max. Height of Specimen	175mm
Throat	165mm
Power Supply	AC220V, 50Hz
Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension	520×215×700mm, Packing Dimension: 650×370×950mm
Weight	Net Weight: 78kg, Gross Weight: 100kg

Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	Diamond Rockwell Indenter	1 pc
φ1.588mmBall Indenter	1 pc	Middle Plane Test Table	1 pc
Large Plane Test Table	1 pc	V-shaped Test Table	1 pc
Hardness Block 60~70 HRC	1 pc	Hardness Block 20~30 HRC	1 pc
Hardness Block 80~100 HRB	1 pc	Weight A, B, C	3 pcs
Power Cable	1 pc	Fuse 2A	2 pcs
Level	1 pc	Horizontal Regulating Screw	4 pcs
Screw Driver	1 pc	Spanner	1 pc
Anti-dust Cover	1 pc	Usage Instruction Manual	1 copy



HRS-150L Digital Rockwell Hardness Tester (Heightening Type)

Main Function:

HRS-150L Digital Rockwell hardness tester is equipped with a newly-designed large displaying screen with good reliability, excellent operation and easy watching, thus it is a high-tech product combining the mechanic and electric features. It can show and set the present scale, test force, test indenter, dwell time and hardness conversion; the main function is as follows: Selection of all the Rockwell scales; Conversion scales of different kinds of hardness; Test results can be saved and printed out, automatic calculation of maximum, minimum and average value; With RS232 interface for connecting to the computer. This is the heightening type which is more convenient for measuring the large samples.

Application range:

Suitable for quenched steel, tempered steel, annealed steel, cold and hard casting, malleable cast iron, hard alloy steel, aluminum alloy, copper alloy, bearing steel etc.

Technical Specification:

Model	HRS-150L
Initial Test Force	10kgf (98.07N)
Total Test Force	60kgf (558.4N), 100kgf (980.7N), 150kgf (1471N)
Indenter	Diamond Rockwell Indenter, ϕ 1.588mm Ball Indenter
Loading Method	Automatic (Loading/Dwell/Unloading)
Hardness Reading	LCD Screen Display
Test Scale	HRA, HRD, HRC, HRF, HRB, HRG, HRH, HRE, HRK, HRL, HRM, HRP, HRR, HRS, HRV
Conversion Scale	HV, HK, HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HS, HBW
Data Output	Built-in Printer, RS232 Interface
Resolution	0.1HR
Dwell Time	0~60s
Max. Height of Specimen	400mm
Throat	165mm
Power Supply	AC220V, 50Hz
Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension	500×200×880mm, Packing Dimension: 650×370×1140mm
Weight	Net Weight: 98kg, Gross Weight: 120kg

Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	Diamond Rockwell Indenter	1 pc
φ1.588mmBall Indenter	1 pc	Middle Plane Test Table	1 pc
Large Plane Test Table	1 pc	V-shaped Test Table	1 pc
Hardness Block 60~70 HRC	1 pc	Hardness Block 20~30 HRC	1 pc
Hardness Block 80~100 HRB	1 pc	Weight A, B, C	3 pcs
Power Cable	1 pc	Fuse 2A	2 pcs
Level	1 pc	Horizontal Regulating Screw	4 pcs
Screw Driver	1 pc	Spanner	1 pc
Anti-dust Cover	1 pc	Usage Instruction Manual	1 copy



XHR-150 Plastics Rockwell Hardness Tester

Main Function:

XHR-150 Plastics Rockwell hardness tester adopts the mechanism of automatic loading and unloading of the test force, the test force is regulated by the load-change hand wheel. It can select the dwell time and is very easy to use. Besides setting zero to dial, there is no man-made error. The instrument has high sensitivity and stability.

Application range:

Suitable for hard plastics, hard rubbers, aluminum, tin, copper, soft steel, synthetic resins and fricative materials etc.

Technical Specification:

Model	XHR-150
Initial Test Force	10kgf (98.07N)
Total Test Force	60kgf (558.4N), 100kgf (980.7N), 150kgf (1471N)
Indenter	Φ3.175mmBall Indenter, Φ6.35mmBall Indenter, Φ12.7mmBall Indenter
Loading Method	Automatic (Loading/Dwell/Unloading)
Hardness Reading	Dial
Resolution	0.5HR
Dwell Time	2~60s
Max. Height of Specimen	175mm
Throat	165mm
Power Supply	AC220V, 50Hz
Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension	520×215×700mm, Packing Dimension: 650×370×950mm
Weight	Net Weight: 78kg, Gross Weight: 100kg

Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	Φ3.175mmBall Indenter	1 pc
Φ6.35mmBall Indenter	1 pc	Φ12.7mmBall Indenter	1 pc
Middle Plane Test Table	1 pc	Large Plane Test Table	1 pc
V-shaped Test Table	1 pc	Hardness Block 75~85 HRE	1 pc
Hardness Block 110~120 HRL	1 pc	Hardness Block 100~110 HRM	1 pc
Hardness Block 115~125 HRR	1 pc	Weight A, B, C	3 pcs
Power Cable	1 pc	Fuse 2A	2 pcs

Level	1 pc	Horizontal Regulating Screw	4 pcs
Screw Driver	1 pc	Spanner	1 pc
Anti-dust Cover	1 pc	Usage Instruction Manual	1 copy



XHRS-150 Digital Plastics Rockwell Hardness Tester

Main Function:

XHRS-150 Digital plastics Rockwell hardness tester is equipped with a newly-designed large displaying screen with good reliability, excellent operation and easy watching, thus it is a high-tech product combining the mechanic and electric features. It can show and set the present scale, test force, test indenter, dwell time and hardness conversion; the main function is as follows: Selection of all the plastics Rockwell scales; Conversion scales of different kinds of hardness; Test results can be saved and printed out, automatic calculation of maximum, minimum and average value; With RS232 interface for connecting to the computer.

Application range:

Suitable for hard plastics, hard rubbers, aluminum, tin, copper, soft steel, synthetic resins and fricative materials etc.

Technical Specification:

Model	XHRS-150
Initial Test Force	10kgf (98.07N)
Total Test Force	60kgf (588.4N), 100kgf (980.7N), 150kgf (1471N)
Indenter	Φ3.175mmBall Indenter, Φ6.35mmBall Indenter, Φ12.7mmBall Indenter
Loading Method	Automatic (Loading/Dwell/Unloading)
Hardness Reading	LCD Screen Display
Test Scale	HRA, HRD, HRC, HRF, HRB, HRG, HRH, HRE, HRK, HRL, HRM, HRP, HRR, HRS, HRV
Conversion Scale	HV, HK, HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HS, HBW
Data Output	Built-in Printer, RS232 Interface
Resolution	0.1HR
Dwell Time	0~60s
Max. Height of Specimen	175mm
Throat	165mm
Power Supply	AC220V, 50Hz
Execute Standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension	520×215×700mm, Packing Dimension: 650×370×950mm
Weight	Net Weight: 78kg, Gross Weight: 100kg

Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	Φ3.175mmBall Indenter	1 pc
Φ6.35mmBall Indenter	1 pc	Φ12.7mmBall Indenter	1 pc
Middle Plane Test Table	1 pc	Large Plane Test Table	1 pc
V-shaped Test Table	1 pc	Hardness Block 75~85 HRE	1 pc
Hardness Block 110~120 HRL	1 pc	Hardness Block 100~110 HRM	1 pc
Hardness Block 115~125 HRR	1 pc	Weight A, B, C	3 pcs
Power Cable	1 pc	Fuse 2A	2 pcs
Level	1 pc	Horizontal Regulating Screw	4 pcs
Screw Driver	1 pc	Spanner	1 pc
Anti-dust Cover	1 pc	Usage Instruction Manual	1 copy

