



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

DIGITAL TOUCH SCREEN ROCKWELL HARDNESS TESTER

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*



SCALE CONVERSION		
HRC	HV	HK
HBW	HRA	HRD
HR15N	HR30N	HR45N
HR15T	HR30T	HR45T
HRBW		HRFW
BACK		ESC

SCALE		
HRA	HRBW	HRC
HRD	HREW	HRFW
HRGW	HRHW	HRKW
HRLW	HRMW	HRRW
HRSW	HRPW	HRVW

BRH-150T

**DISCRIPTION:**

BRH-150T Digital touch screen Rockwell hardness tester has high level automation, stable and reliable performance, it is equipped with sophisticated sensors so that can test data more accurate; large touch screen provides comprehensive data for quality control.

- Color touch screen with menu structure, easy operate;
- Status bar show the test process in real time.
- With hardness conversion function (HV, HBW, etc.)
- With printer, test data can print out directly
- Test force - Indenter type show on screen, avoid mistakes
- Brightness is adjustable, to meet different visual habit
- Car paint processing appearance, looking beautiful

APPLICATION:

Hardened steel, quenched and tempered steel, annealing steel, bearing steel, strip steel, hardened steel sheet, hard alloy, etc.

FEATURES:

- The color touch screen will display hardness value, conversion value, test force, dwell time, indenter info. etc directly, indicator responses sensitively, show the hardness value accurately, the test value is more accurate than national standard;
- Automatic loading - dwell - unloading test force, easy operate
- Support English & Chinese language, menu structure
- Built-in printer can print test result directly
- One-time casted molding shell, stable structure and it is not easy to be out of shape. It can work under harsh environment; the shell coating adopted car paint technology with white color. it has strong scratch resistance capability and still look bright as new after use many years;
- The screw rod adopts the fine grinding process, which ensures that the machine can be lifted smoothly and without eccentricity, make test accuracy higher and more stable.

**TECHNICAL SPECIFICATION:**

Model No.	BRH-150T
Rockwell scale	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK
Conversion scale	HRA, HRB, HRC, HRD, HRF, HV, HK, HBW, H15N, H30N, H45N, H15T, H30T, H45T
Preliminary test force	10Kg(98N)
Total test force	60Kg (588N), 100Kg (980N), 150Kg (1471N) Tolerance range:±1.0%
Indication Resolution	0.1HR
Hardness value range	HRA:20-88, HRB:20-100, HRC:20-70, HRD:40-77, HRE:70-100, HRF:60-100, HRG:30-94, HRH:80-100, HRK:40-100, HRL:50-115 HRM:50-115, HRR:50-115
Hardness data read	Color touch screen
Loading method	Automatic (Load, Dwell, Unload)
Dwell time	1-60S, each step 1 second
Data output	Built-in printer, RS232 port
Test space	Maximum height :200mm; Maximum throat depth:160mm
Machine Size / N.W	520X240x720mm (L×W×H); 85kg
Package Size / G.W	600*365*900mm; 100kg
Executive standard	GB/T230.2 , BSEN 6508, ASTM E18 , ISO 6508 , JJG112

STANDARD ACCESSORIES:

Item Name	Q'ty	Item Name	Q'ty
Rockwell hardness tester host	1 set	Medium testing table	1 pc
Diamond Rockwell indenter	1 pc	V-shaped testing table	1 pc
1.588mm diameter hard alloy steel ball indenter	1 pc	Dust-proof cover	1pc
Standard hardness block	3 pcs	Accessory case	1 pc
Large testing table	1 pc	Operating instruction	1 pc
Weights	3 pcs	Quality certificate & Warranty card	1 pc