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## Hardness Testing Machines

### Digital Universal Hardness Tester

### **DigiRock BRV3**

|             |                                        |
|-------------|----------------------------------------|
| Model       | DigiRock BRV3                          |
| Code#       | 811-160                                |
| Standard    | ISO 6508, ASTM E18, JIS Z2245, GB/T230 |
| Certificate | CE                                     |



### Product Feature

- DigiRock BRV3 is a universal hardness testing instrument for the measurement of Brinell, Rockwell and Vickers scale.
- DigiRock BRV3 equips 7-testing-face and 5-indenter, it is universal to measure most of metal material.
- DigiRock BRV3 dwell time from 2 to 60S can be setup on LCD panel, it is much convenient than the setup on the manual hardness tester;
- DigiRock BRV3 loading ,dwell and unloading is driven by electronic motor automatically , doesn't need the operator to handle it, it eliminates the human operating error maximum ;
- DigiRock BRV3 doesn't need the operator to read and check the hardness scale table ,it will compute and display the testing result once press the key of digital length sensor.



## Hardness Testing Machines

### Specification

| Product Name                 |  | Digital Universal Hardness Tester                |
|------------------------------|--|--------------------------------------------------|
| Model                        |  | DigiRock BRV3                                    |
| Code#                        |  | 811-160                                          |
| Rockwell Scales              |  | HRA, HRB, HRC                                    |
| Rockwell Testing Force       |  | 60Kgf(588.4N)、100Kgf(980.7N)、150Kgf(1471N)       |
| Brinell Scales               |  | HBW1/30、HBW2.5/62.5、HBW10/100、HBW2.5/187.5       |
| Brinell Testing Force        |  | 31.25Kgf(306.5N)、62.5Kgf(612.9N)、187.5Kgf(1839N) |
| Vickers Scales               |  | HV 30、HV100                                      |
| Vickers Testing Force        |  | 30Kgf(294.2N)、100Kgf(980.7N)                     |
| Rockwell Hardness Indication |  | Digital LCD display                              |
| Rockwell Resolution          |  | 0.1HR                                            |
| Loading Control              |  | Automatic                                        |
| Magnification of Microscope  |  | Brinell:50x; Vickers:100x                        |
| Dwell Time                   |  | Adjustable 1~60s                                 |
| Max. Height Of Specimen      |  | Rockwell:300mm; Brinell, Vickers:260m            |
| Instrument Throat            |  | 173mm                                            |
| Dimension(LxWxH)             |  | 620x210x900mm                                    |
| Packing Dimension            |  | 710x530x1000mm                                   |
| Power supply                 |  | AC220V/50Hz;AC110V/60Hz                          |
| Gross/Net Weight             |  | 143Kg/120Kg                                      |
| Execution Standard           |  | ISO 6508, ASTM E18, JIS Z2245, GB/T230           |

### Application

Rockwell B Scale HRB: Copper alloys, soft steels, aluminum alloys, malleable iron, etc.

Rockwell C Scale HRC: Steel, hard cast irons, pearlitic malleable iron, titanium, deep case hardened steel, and other materials harder than B100.

Rockwell A Scale HRA: Cemented carbides, thin steel, and shallow case-hardened steel.