



DIGITAL MOTORISED ROCKWELL HARDNESS TESTING MACHINE



OVERVIEW

- VERTEX make Digital Motorised Rockwell Hardness Testing Machines are suitable for testing hardness of metals and alloys of all kinds.
- These machines are strictly confirms to IS : 1586 : 2000, BS : 891 Part I & II,
- ASTM E – 18 for Rockwell test and IS : 2281 : 1983, BS : 240, ASTM – E10 for Brinell test and IS : 1586 : 2000, ASTM – E18 for Rockwell superficial test.
- **DIGITAL ROCKWELL HARDNESS TESTING MACHINES** are available in various models.

MODELS :

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|--------------------|---|
| VRS-D-M | Automatic weight selection by thumb wheel. |
| VSM-D-M | Rockwell cum Rockwell superficial combined model with automatic weight Selection. |
| VRB-D-M | Rockwell cum Brinell (2.5 mm. ball/187.5 kg. load) combined model. Brinell indentation is to be checked with microscope. |
| VRB-250-D-M | Rockwell cum Brinell (187.5 and 250 kg. loads) combined model. Brinell indentation is to be checked with microscope. |

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DIGITAL MOTORISED ROCKWELL HARDNESS TESTING MACHINE

FEATURES :

- Motorised system for application and removal of major load.
- Minor load setting by LED bar graph.
- Keyboard entry for scale selection.
- Hi-Low-OK Indication for hardness value.
- Easy to read, large size extra bright 7 segment display.
- Centronics parallel port for connection Dot Matrix Printer.
- Manual operation available in case of motor failure.
- Sufficient error codes for smooth functioning of machines.
- Three modes of operation of machine Viz. Motorised Automatic Mode, Motorised Mode, Manual Mode.
- Indentor is guided in linear bearing facilitates to test small jobs.
- Serial Interface (Optical).

TECHNICAL SPECIFICATION :

1. Scales Displayed Rockwell A, B, C, D, E, F, G, H, K, L, M, P, R, S, V, in Nos. 1 to 15 resp.
2. Load : Minor 10 kgf. Major 60, 100, 150 kgf.
3. Minor Load Setting: Automatic by LED bar graph indicator.
4. Load Control : Automatic (Loading-dwell-Unloading).
5. Dwell time : 1 to 99 seconds.
6. Maximum test : Height x throat : 265 x 148 mm.
7. Printer Interface : Parallel (Centronix) Port of Dot(Optional) Matrix Print.

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