



**ENKAY ENTERPRISES**

Scientific & Material Testing Machines



**Rockwell / Brinell  
Hardness Testing Machine**

**Model No : SMT - 3C/D**

- ☛ Confirm IS : 3804- 1966, BS : 891 parts I & II, ASTM : E18 for Rockwell test and IS : 2281- 1968, BS : 240, ASTM : E10 for Brinell test. Accuracy confirms to IS 1586-2006
- ☛ Hardness testing machine has automatic zero setting dial gauge device and automatic load selection.
- ☛ Brinell hardness testing facility according to 30 F/D ratio with 187.5 kgf. Load and 2.5 mm diameter ball indenter.
- ☛ The test rig is able to perform the measurement of hardness of metals and alloys of all types, hard or soft, flat, round, tubular or irregular in shape.

## **Tehcnical Specifications:**

- ☛ Test load (kgf) : Rockwell : 60, 100, 150  
Brinell : 187.5
- ☛ Initial loads (kgf) : 10
- ☛ Max. test height (mm) : 215
- ☛ Depth of throat (mm) : 132
- ☛ Max. depth of elevating screw below base (mm) : 230
- ☛ Size of base (min.) mm : 430 X 180

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