

## SOM-007 ROCKWELL CUM BRINELL HARDNESS TESTER



### DESCRIPTION :

Rockwell Cum Brinell Hardness Testing Machine used to measure hardness of metals & alloys of all kinds, hard or soft, whether round, flat or irregular in shapes. Rockwell test minor load is 10 kgf & major loads are 60,100,150 kgf. Brinell test for major load is 187.5, 250 kgf. Rockwell hardness scales such as HRA, HRB, HRC, etc. Brinell hardness scale such as HB is obtained by using different types of indentors (Diamond / Ball).

### RANGE OF EXPERIMENTS :

1. To Measure the hardness of given specimen using Rockwell Cum Brinell hardness tester.

### TECHNICAL DESCRIPTION :

Test Loads	: 60,100,150,187.5,250. Kg
Initial Load	: 10 kgf
Max. Test Height ( mm )	: 230
Depth of throat ( mm )	: 133
Max. Depth of elevating screw below base (mm)	: 240mm
Dimensions of Machine ( mm )	: L 173 x W425 x H625
Weight ( Approx. )	: 80 kg.
Power Supply	: 220 V AC, 50 Hz, 1 phase

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**SERVICE REQUIRED** : 230 V , AC Single Phase,  
Foundation As Per Drawing  
**SPACE REQUIRED** : 0.7 m. ( L) x 0.7 m (W) X 1 m (H).  
**WEIGHT** : @ 75 Kg