

Rock - Cy[®]
Metal Hardness Tester
Rockwell-C Scale
 Model : RCM



APPLICATIONS

This revolutionary instrument is the most handy and economical way of grading and checking various metals in equivalent Rockwell 'C' scale on materials 0.65 mm thick and above. It is widely used in small shops, big shops, laboratories, inspection & quality control personnel, machinists, mechanics, metallurgists, tool & die makers, welders, warehousemen, etc.

OPERATION

Insert the upper spindle of Rock-Cy tester securely into the standard drill press, so that the tester gauge faces towards the operator. Allow sufficient clearance between the hardness tester and the drill press platform for the sample being tested. Insert the known hardness standard test block supplied with the hardness tester directly beneath the indenter of the Rock-Cy. Carefully lower the drill press handle until the indenter rests on the test block surface. Slowly increase the force until the base of the tester touches the test block and the gauge indicator pointer stops moving. While exerting sufficient force as above when the gauge pointer remains steady, turn the rim of the gauge so that the known test block hardness reading etched on the block comes directly under the gauge pointer position.

Repeat the test over a new position of the test block. It is very important to take 2 or 3 readings on the test block, average out the readings and then adjust the rim scale to this value. This ensures average out any minor hardness fluctuations which may occur in even something as precise as a test block. The hardness tester is now calibrated and is ready for use.

Remove the test block and place the sample metal part to be tested under the tester. Press Indenter down into the work sample, until the base of the tester lightly contacts the surface and read the equivalent Rockwell-C hardness directly on the gauge.

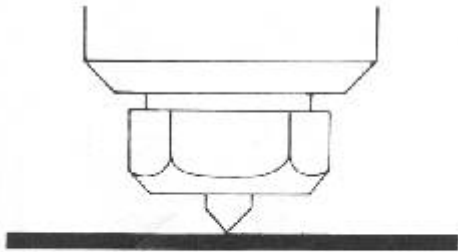
TECHNICAL DATA

Range	: 20 to 67 Rockwell-C scale
Accuracy	: ± 1 no.
Length	: mm 210
Gauge	: mm 56 \varnothing
Tester Material	: Indenter is of diamond. Body of brass duly painted
Job thickness	: mm 0.65 minimum
Test Block	: 2 Nos. supplied
Net Weight	: kg 0.8
Patent	: Applied for.

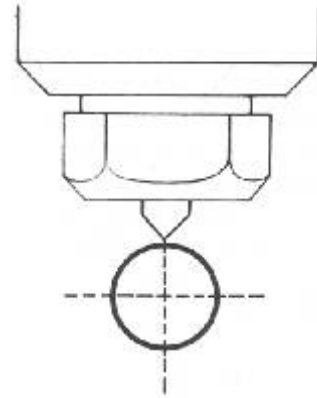
"BLUESTEEL HOUSE"

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SPECIFIC USES OF ROCK-CY TESTER



Minimum 0.65 mm thick sheet



Minimum 75 mm O.D.