

DIGITAL ERICHSEN CUPPING TESTING MACHINE

DESCRIPTION

This machine is designed to carry out cupping Test on metal. Quick Clamping and manual operation facilities faster and trouble-free working of machine. It measures the cupping qualities of metal sheets & strips and also to test the adhesion, elasticity & porosity of coats of paint so varnish by way of comparison.

Deep drawing is the conversation of plain sheet into a hollow body of Drawing the material into the female die with a punch. A pressure plate is employed to prevent the formation of wrinkle in the blank, this holds the blank against the female die.

This Test is used for assessing the cupping qualities of metal sheet and strip within the limits imposed by the test conditions. This can also be used for testing the adhesion, elasticity, and porosity of coated of paint or varnish and for galvanized casting, by way of comparison. The surface appearance occurring in the surface of the specimen after fracture gives a guide to the grain constitution of the material.

The configuration of the fracture provides an indication of the material. The main dimension and the method of inspection of HSMLE'S Ericson cupping Tester are designed to make the machine quite reliable in its mechanism as well as in its function.



APPLICATIONS: -

The Cupping Testing Machine (Erichsen Tester) is precise technology testing machine that is used for sheet metal & strip steel rolled stock et . It can complete test of plastic deformation for sheet metal & strip steel rolled stock.

TECHNICAL SPECIFICATIONS	CTM-20D
Width of Sample	70 to 90mm
Thickness of sample	0.1 to 2 mm
Equipped with	Digital Dial Gauge
Least count of Micrometer	0.01mm
Machine Dimensions	450x500x500 mm (approx.)
Weight	20Kg. Approx.

*Image is for reference purpose only, due to continuous product development and upgradation the image and specification are subject to change.

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