

UNIVERSAL TESTING SYSTEMS

Cold Test Bending Machine



Cold Bending Machine is used for bending and re-bending tests of reinforcing bars, wire rod and wire for concrete in accordance with the requirements of EN ISO 15630-1.

The test piece is bent over a mandrel. The angle of bend and the diameter of the mandrel (D) is selected in accordance with the relevant product standard EN 10080.

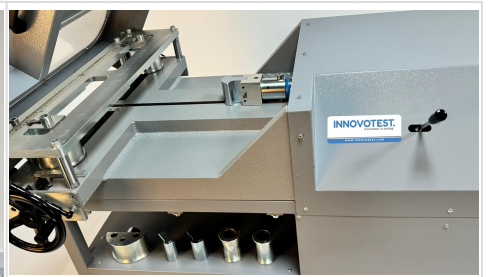
The bend test is performed with a minimum angle of bend of 180° over a mandrel. According to EN ISO 15630-1.

For re-bend test, first the test piece is bent with a minimum angle of bend of 90° over a mandrel, in a second step, the aging treatment is applied and then the test pieces bent back up to a minimum of 20° . according to EN ISO 15630-1,

After the test, test pieces are inspected for cracks and fissures visible to a person with normal or corrected vision.

Mandrels for bent and re-bend tests should be ordered separately.

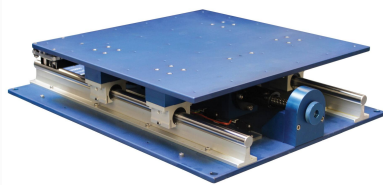
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