Abstract

A material testing machine devised so as to capable of complying with a long test piece without employing a long-sized screw columns. The machine consists essentially of a pair of intermediate rods (25) rotatably installed on a table (2) for being driven by a motor (6), a pair of screw columns (21) screw-cut in the region corresponding to a possible elongation of a test piece and devised so as to be expandable with respect to and rotatable integrally with the pair of intermediate rods (25), holder means (22U, 22L) for rotatably holding the screw columns (21) at any desired position of expansion, and a crosshead (5) having both its ends screw-engaged with the pair of screw columns (21) for being driven through the rotation of the screw columns (21) to exert force on a test piece between the same and the table (2).

This Sheet Has Been Replaced



THIS SHEET HAS BEEN REPLACED