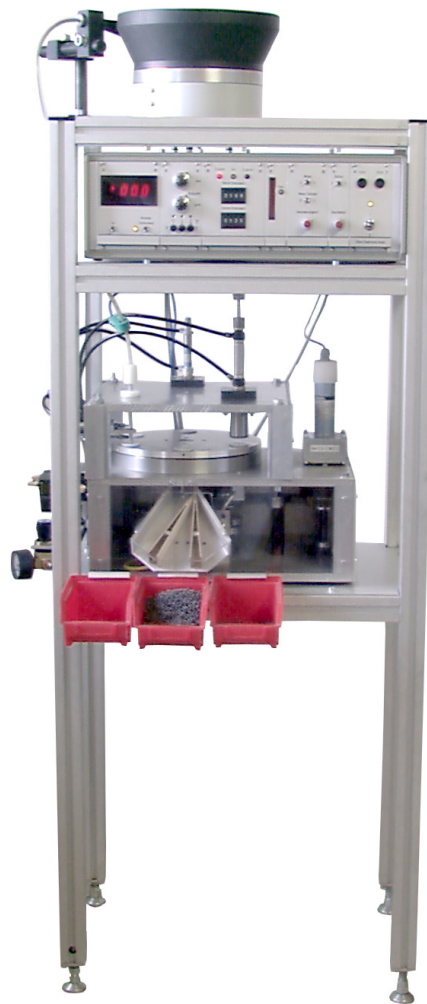


Automatic prestressing and testing machine SP-1



Technical data: max. setting load: 200 N, max. load range: 100 N,
 max. spring length: 80 mm, max. spring dia: 28 mm.
 max. speed: 4.000 parts per hour.

included load ranges: load range 1: 0-2 N resolution 0,001 N
 load range 2: 0-20 N resolution 0,01 N
 load range 3: 0-100 N resolution 0,1 N

Other load ranges available.

A prestressing machine with automatic feeder and load measuring for one spring length and three-way sorting for load ranges up to 100 N.

The vibratory feeder brings the springs in a vertical tube. A feed device even lets one spring pass the tube and feeds a round transport table which has six holes to hold the testing parts and gets moved step-by-step in clockwise direction. Having passed the feeder the springs are moved to the certain prestressing units followed by a measuring unit with an adjustable in-feed length. Having passed all the units the springs are sorted in three definable groups.