

## Automatic prestressing and testing machine SP-2



Technical data:	max. setting load: 2000N	max. load range: 1000N
	max. spring length: 80 mm,	max. spring dia: 28 mm.
	max. speed: 3.000 parts per hour.	
included load ranges:	load range 1: 0-20 N	resolution 0,01 N
	load range 2: 0-200 N	resolution 0,1 N
	load range 3: 0-1000 N	resolution 1 N

Other load ranges are available

Prestressing machine with automatic feeder or feeding by hand and load measuring for one spring length and three-way or five-way sorting with loads up to 1000 N. There are three prestressing units mountable. Measuring of  $L_0$  and block is optionally available.

A vibratory feeder or manual feeding 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 eight holes to hold the testing parts and moves 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 or five definable groups.