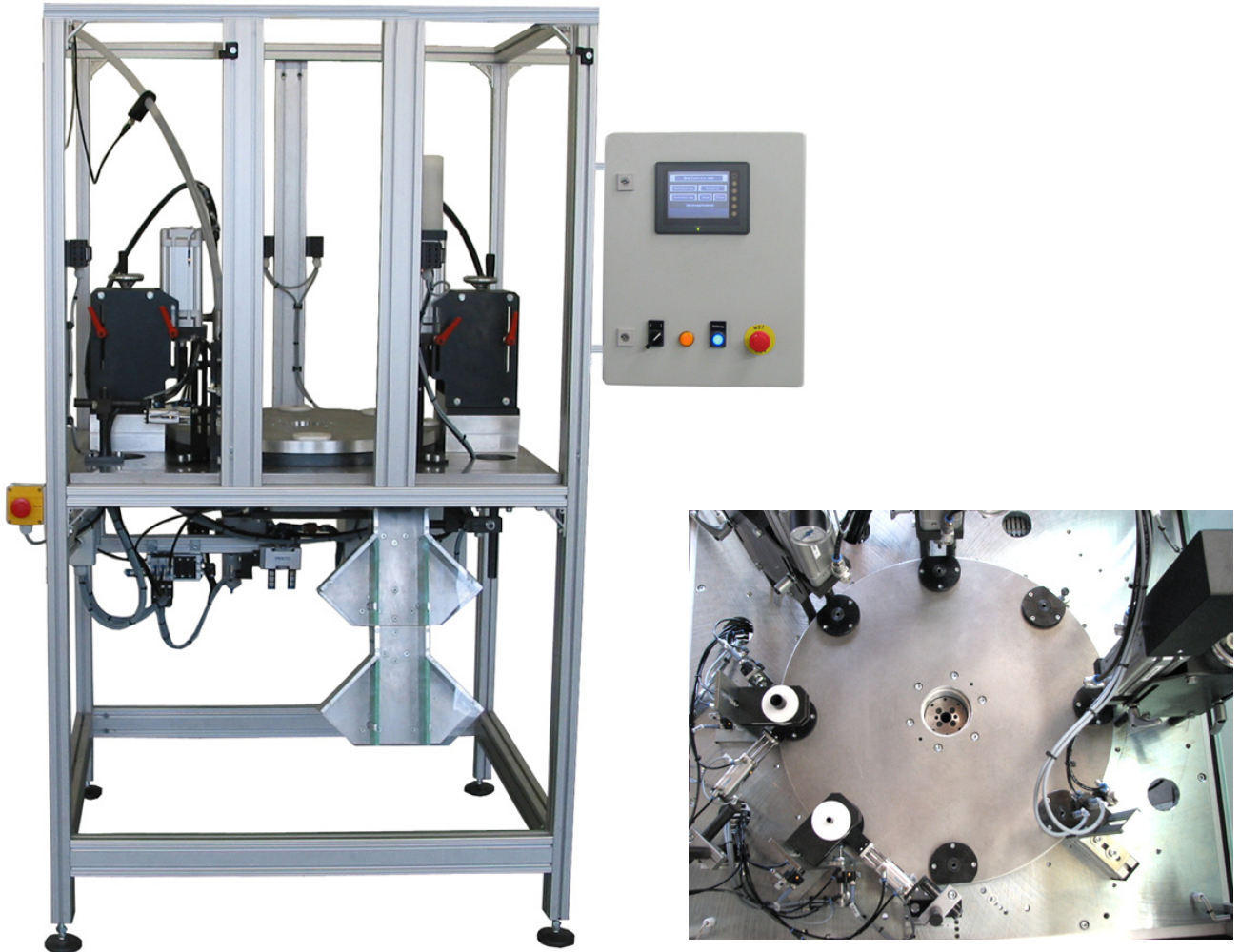


Automatic prestressing and testing machine SP-5



Technical data: max. setting load: 5000 N, max. load range: 5000 N
 max. spring length: 100 mm, max. spring dia: 50 mm.
 max. speed: 2.500 parts per hour

Loadcell 1000 N	load range	0 - 1000 N	resolution	0,01 N
Loadcell 5000 N	load range	0 - 5000 N	resolution	0,1 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 5000 N. There are three prestressing units mountable. Measuring of free-length 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.