

# Spring load tester-WG 27



## WG 27 Tester

Max. Length comp.springs 635mm  
 Max.Length tension springs 550mm

Load ranges	1000 Newton	Resolution	2000 Newton	Resolution	5000 Newton	Resolution
range 1:	0 - 20 N	0,01 N	0 - 20 N	0,02 N	0 - 500 N	0,1 N
range 2:	0 - 200 N	0,1 N	0 - 200 N	0,1 N	0 -5000 N	1 N
range 3:	0 -1000 N	1 N	0 -2000 N	1 N	(other ranges on request)	

The tester **WG27** has it's own steel table and is developed for compress spring testing. Tension spring test hooks are available. The movable slide with the upper testplate is guided by two bearings. The motor drives two precision ball screws which move the upper testplate. The motor is controlled by a joystick and has two basic positions: fast for coarse positioning and slow that allows you to place the testplate on the testlength. The upper testplate can be replaced quickly by drilled plates for testing springs on a pin or a tension spring hook. The testplates have 95 mm diameter. Drilled upper plates can be produced by your demands. The length is measured by a incremental decoder and is displayed with a resolution of 0.01 mm. An output for a x-y writer is available optionally to make a load/length diagram. A data output in a RS 232 format is built in for the load.