

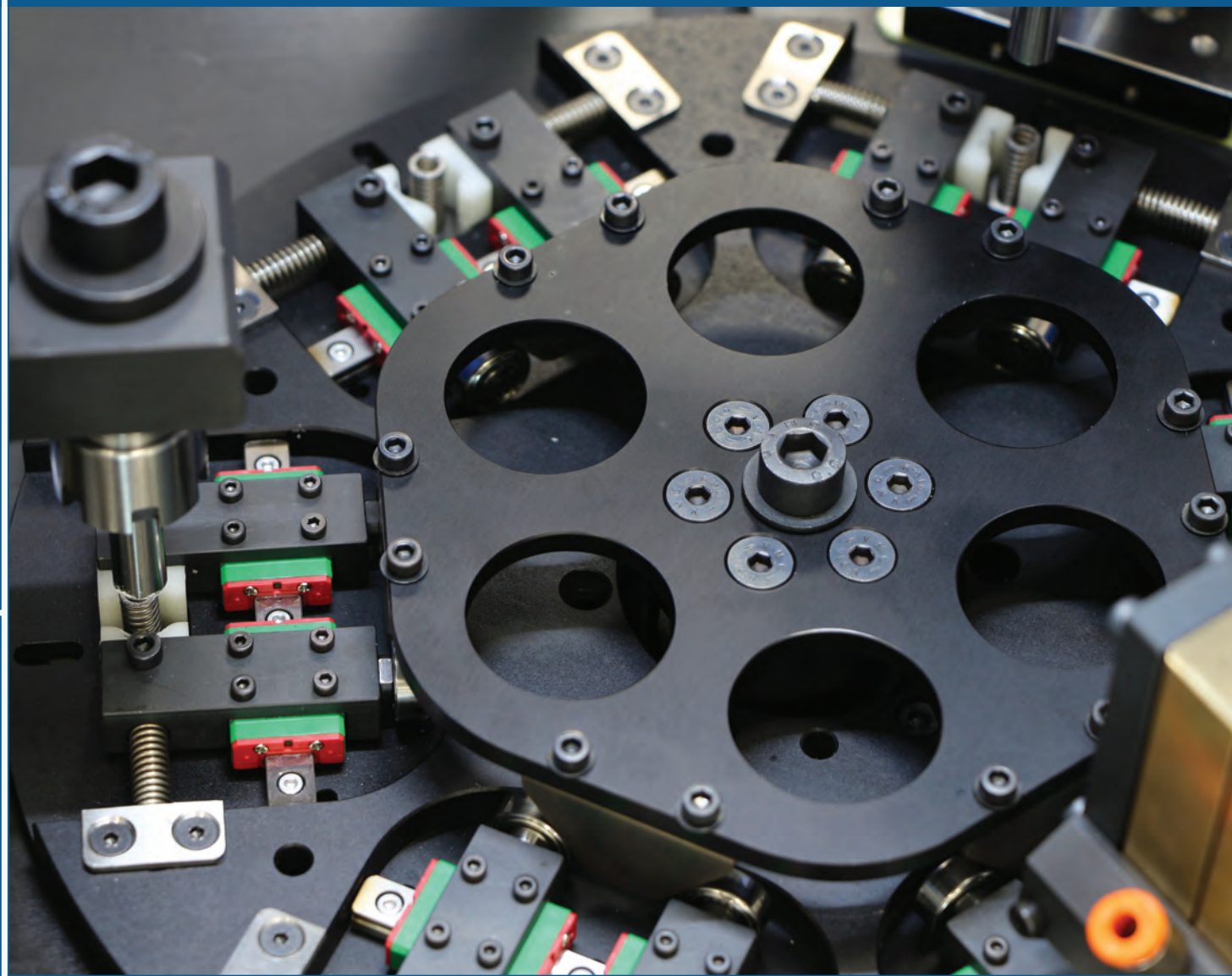
MCP

Spring setting and load testing machine for the automatic test of 100% of ground compression spring

100% 研磨压缩弹簧立定和负荷分选试验机

MCP FEATURES 特性

- Setting the spring at length
- Load control of the spring in a free state
- Measurement possibilities:
 - Free length
 - Forces, spring's rate, lengths at known loads
 - Internal diameter control (optional)
- All movement and test parameters are saved in a recipe to allow a quick production's change
- 长度立定弹簧
- 自由状态弹簧负荷控制
- 可测试参数:
 - 自由长度
 - 负荷·弹簧系数·已知负荷长度
 - 内径控制 (选配)
- 所有测试参数均被保存·可快速更换测量。



AVAILABLE MODELS 型号	MCP30
Max Length before setting 立定前最大长度	25 mm (.98")
Max. OD 最大外径	ø 12 mm (.47")
Feeding 送料	Automatic
N° indexing table stations 工作站数量	6
Max. setting force 最大立定负荷	300 N (67 lb)
Capacity main load cell 主传感器最大测量负荷	50 or 30 N (11 or 6.7 lb)
Min. recommended measure 最小测量值	0,4 or 0,2 N (0,1 or 0,04 lb)
Length resolution 长度分辨率	0,001 mm (.00004")
Sorter 分选器	5-ways motorized
Real power consumption 能耗	225 W at 5000 pcs/h
Typical production speed 速度	5000 pcs/h
Power supply 电源供应	110-240Vac 3,5kW
Dimensions 尺寸	889 x 1208 x 1786 H mm (35 x 47.5 x 70.3 H")



DIFFERENCES FROM MC54-30

In the MCP the springs are held on the rotating table thanks to movable clamps which are opened during the measurement cycle avoiding the friction of the spring on the walls of the bushes.

Furthermore, the MCP has a resolution of 0.001 mm.

This involves:

- Highest measurement accuracy
- Quick setup
- A little slower production speed

MCP在测试过程中使用移动夹具，将弹簧旋放在测试盘上，避免了摩擦；MCP的分辨率为0.001mm.

包括：

- 最高测量精度
- 快速设置
- 测试速度略慢