ASSP
with RoboSTAR

Automatic Spring Sorting Package with RoboSTAR

Larson Systems' ASSP systems feature the RoboSTAR and / or SFM (Super Force Meter) and are entirely customizable to your needs. The ASSP allows for flexible test programming that can be tailored to your requirements including: presetting multiple times, free length measurement and multiple point testing (F@L or L@F). Rapid changeovers of part types are accomplished with no worries about tester calibration (length or force) or platform parallelism. When product requirements change, the testers can be detached and used in a stand-alone mode and are completely functional. An outstanding feature of this system is that no tools or setup fixtures are required for changeover demands.

Standard Features:
Fully automated solution for 100% testing
Completely customizable modular design
Presetting + force and length measurement
11 inch range
11 inch stroke
Up to 8 inch Ø platform (2 inch standard)
2 to 3,000 lb load capacities
Flash interface
Manual feed option accommodates a wide variety of springs
"Exercise" your springs with rotational presetter
3-way sorting standard (5-way sorting available)

Testing Flexibility
Test routines are easily programmed and saved. Routines can include single or multiple point Force@Length or Length@Force, free length, solid height, spring rate or presetting tests

Connectivity Options
Send data directly to a PC using LSI's UTM software program. Use the powerful statistical functions to manipulate the data.
Print out a summary only. Run the printer at the end of the shift to print the tester-generated statistical summary.

Environmental / Sound Enclosure
An enclosure protects the sorting and testing process from air currents and foreign material. It maintains easy access with several access panels, plus a top fill door for easy hopper reloading. Noise is greatly reduced.

Sorting
The system includes a three-way pneumatically powered flap sorting system for high reliability sorting. The ASSP can easily sort in two or three categories. Five-way sorting is also available.