



Super Tiger

Free Length Spring Gage

Larson's fastest, most powerful free-length spring gage uses standard LION Gage protocols, setups and techniques. This digital system needs no programming on your part—just plug it in and go straight to work. No need to understand capacitance measurement—the Tiger does it for you!

Standard Features:

- Digital electronics - much faster than previous gages
- Much smaller than Lynx and Panther Gages
- Job summary reports
- Ultracal probe setup mode
- Internal power source - no more batteries!
- Uses standard LION Gage protocols, setups & techniques
- Compatible with all LSI probes and sorters
- 3 way and 5 way sorting
- 5 Automatic Shutdown modes (see below)

Super Tiger software package gives you all the functionality of LSI's popular Panther Gage and more, including:

- Intuitive interface for easy setup and use
- Powerful, smart scrap-reduction intelligence
- Temperature stability holds length over time
- Test programs eliminate unnecessary returns
- Unsurpassed reliability
- Automatic shutdown for: Consecutive Bad / No Cutoff

Interface Features:

• Setup:

- Length Adjust Setup
 - Each
 - Centering
 - Averaging
 - None
 - Amount
 - Set Point for Each
- Sorting Setup
 - 2 Way Good
 - 2 Way Bad
 - 3 Way
 - 5 Way with Percent of Tolerance
 - Time
- Coiler Shutdown
 - Consecutive Bad
 - No Cutoff
 - Total Good
 - CpK Limit
 - Excess Adjust
- SPC
 - Subgroup Size
 - Sample Frequency
 - Collect on All/Good Only
 - Limits Calculated/Entered
- Job Setup
 - Nominal & Tolerance
 - Customer Name
 - Part Number
 - Lot Number
 - Comments

- Probe Setup
 - Standard
 - Ultracal

• Monitor:

- Job Summary
- MCS
- Strip Charts
 - With Specs
 - With Histogram
- Production Monitor
 - Sort Summary
 - Testing Times & Rates
- SPC
 - Data
 - X-Bar Chart
 - R Chart
 - Sample Histogram
 - Total Histogram

• Diagnostics:

- Probe Tests
 - Probe Setup
 - Functional Test
 - Drift Test
- Length Adjust Setup Test
- Sorting Chute Tests
- Keypad Test
- Audible Beep Test



Super Tiger Gage - Specifications	
Resolution	0.0001 in (0.01mm)
Operating Speed	Up to 70,000 Springs / Hour
Input Power	120 VAC (60 Hz) 120 / 240 (60 / 50 Hz) 240 VAC (50 Hz)
Sort / Adjust Output Voltages	120 VAC (100 W) 24 VDC (48 W) 24 VAC (24 W)
Height	5" (127 mm)
Width	7" (177.8 mm)
Depth	7.5" (190.5 mm)
Weight	5 lb (2.3 kg)



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