



Probes, Tips & Holders

Spring Gages

Our probes and probe accessories are constructed of the highest quality materials in time-proven designs. Probes are temperature stabilized with a high-tech, super-stable temperature control circuit. Probe holders are designed for easy use and repeatable probe positioning. The equipment shown here works with all Larson Systems' spring gages.

Standard Features:

- Extremely accurate length measurement
- English and metric versions
- Highly customizable and adjustable holders
- Retractable probe holder for large springs



Extended Tips

(Replaceable & Single Piece)

These tips match the sensing surface size to the spring diameter. They also prevent potential damage to the probe itself from cutoff springs. Kits include one screw-on base and one of each size screw-in tip. Tips include a low-profile locking nut to prevent loosening from vibration.



Guarded Tips

These tips provide the greatest accuracy, reduced interference from tooling, and allow for tip sizes of over one inch.

Probes	
Part Number	Description
025-0000-0658-02	Heated Probe - PX595G (English)
025-0000-0658-03	Heated Probe - PX595G (Metric)
Replaceable Extended Probe Tips	
Part Number	Description
025-0000-0655-00	Extended Probe Tip - Kit (1 Base & 5 Tips)
018-0000-2535-00	Extended Probe Tip - 1/8 x 1", Threaded (3 x 25 mm)
018-0000-2531-00	Extended Probe Tip - 1/4 x 1", Threaded (6 x 25 mm)
018-0000-2532-00	Extended Probe Tip - 3/8 x 1", Threaded (9 x 25 mm)
018-0000-2533-00	Extended Probe Tip - 5/8 x 1", Threaded (16 x 25 mm)
018-0000-2534-00	Extended Probe Tip - 1 x 1", Threaded (25 x 25 mm)
025-0000-0654-00	Extended Probe Tip - Base Assembly, Threaded
Guarded Probe Tips	
Part Number	Description
025-0000-0597-03	Guarded Probe Tip - 5/8" Diameter (16 mm)
025-0000-0597-00	Guarded Probe Tip - 1.0" Diameter (25 mm)
025-0000-0597-01	Guarded Probe Tip - 1.5" Diameter (38 mm)
025-0000-0597-02	Guarded Probe Tip - 2.0" Diameter (52 mm)

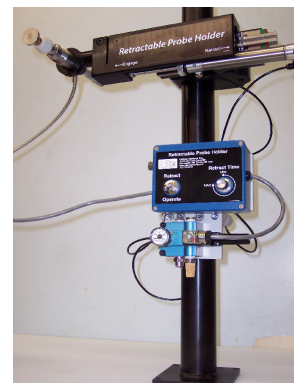
PX595G Probe

The PX595G heated probe features temperature-stabilized electronics for drift-free measurement when used with a Tiger Spring Gage. Our probes are the industry's only armored-cable probes - especially important on the spring manufacturer's shop floor. The probe can be used on any model LSI gage, but older spring gages will not take advantage of the probe's temperature stabilization.



RP2 Retractable Probe Holder

This probe holder retracts the probe during cutoff of large springs. The system is completely powered and triggered by the gage. The air-powered actuator is a sleek, concentric cylinder design for reliable high-speed operation - capable of up to two strokes per second.



PB309B Fixed Probe Holder

This probe holder mounts to the coiler face to position the probe for measurement. The single locking handle makes position adjustment easy.



Manual Swing-Away Probe Holder

One-time setup! Retract to allow unrestricted access to the forming tooling and when finished, the Swing-Away Probe Holder can quickly and precisely be returned to the measure position. The Swing-Away Probe Holder uses the same bolt pattern as the PB309, making for an easy upgrade.



Single Piece Extended Probe Tips	
Part Number	Description
025-0000-0655-01	Extended Probe Tip - Kit (5 Single Piece Assemblies)
025-0000-0631-00	Probe Tip Assembly, 1/8" Diameter
025-0000-0631-01	Probe Tip Assembly, 1/4" Diameter
025-0000-0631-02	Probe Tip Assembly, 3/8" Diameter
025-0000-0631-03	Probe Tip Assembly, 5/8" Diameter
025-0000-0631-04	Probe Tip Assembly, 1" Diameter
Probe Holders	
Part Number	Description
025-0000-0640-00	PB309B - Fixed Probe Holder
025-0000-0679-00	Manual Swing-Away Probe Holder
025-0000-0573-00	RP2 - Retractable Probe Holder



Larson Systems Inc.
13847 Aberdeen Street NE
Ham Lake, MN 55304-6789

763-780-2131
info@larsonsystems.com
www.larsonsystems.com

