



# Fastener Drive System

For Threaded Fastener Testing

## Highlights

- Available in a variety of speed and torque configurations
- Complete system provides precise and accurate torque and speed required for threaded fastener testing
- System can be supplemented with torque multipliers to extend torque or speed range



RS Technologies, a division of PCB Load & Torque, Inc., Fastener Drive Systems are available in a variety of speed and torque configurations, depending upon the size and type of fasteners and testing requirements. The systems are comprised of a rugged, heavy-duty industrial DC brushless electric motor and a dependable servo controller, that together provide the precise and accurate torque and speed that is required for threaded fastener testing. The system can be supplemented with torque multipliers to extend their torque and speed range.

Fastener Drive Systems are used in conjunction with RS Technologies' Model 3200, LabMaster Professional, to provide control. Model 3200 is an advanced multipurpose system designed to perform automated threaded fastener testing and joint analysis. When the Fastener Drive System is used with the LabMaster Professional, the unit provides real-time data display as well as printing, plotting, and automatic data storage capabilities.

A complete test system also includes a rotary torque-angle transducer, a combination tread torque and clamp force transducer, a text fixture assembly for mounting all components, and a printer for data reports and plots.

As with all PCB® instrumentation, these products are complemented with toll-free applications assistance, 24-hour technical service, and are backed by a no-risk policy that guarantees total customer satisfaction or your money refunded.

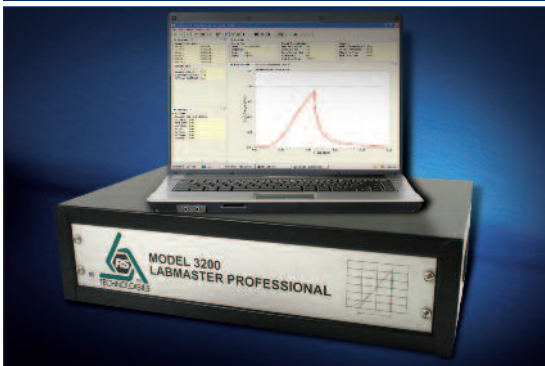




## Fastener Drive System

Model No.	Capacities	
089200-00524	0 to 614 RPM	40 lbf-ft 54 Nm
089200-00526	0 to 250 RPM	97 lbf-ft 132 Nm
089200-00528	0 to 127 RPM	192 lbf-ft 260 Nm
089400-00606	0 to 192 RPM	288 lbf-ft 391 Nm
089600-00621	0 to 102 RPM	576 lbf-ft 781 Nm
089800-00631	0 to 102 RPM	791 lbf-ft 1073 Nm
089120-01000	0 to 74 RPM	1095 lbf-ft 1485 Nm

## Recommended Data Acquisition Instrumentation



Model 3200 LabMaster Professional



**RS Technologies**, a division of PCB Load & Torque, Inc, is a leading manufacturer of a complete line of rotary and stationary torque sensors, hand torque wrenches, measuring instruments, and threaded fastener torque-tension testing systems with over 40 years of history serving the product assembly and fastener manufacturing community. From ready-to-ship stock products, to custom-made specials, RS Technologies proudly stands behind all products with services customers value most, including calibration services from our A2LA accredited laboratory, 24-hour technical support, a global distribution network, and the industry's only commitment to Total Customer Satisfaction. For more information, please visit [www.pcbloadtorque.com](http://www.pcbloadtorque.com).



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