

**Parker ServiceJunior
QCD 3800-SJR**



**The *NEW* ServiceJunior
Digital Pressure Gauge**

- 50 Times Faster than Previous Model
- 10 msec Scanning Rate
- Measure PSI, bar, mPa, and kPa with One Gauge
- +/- 0.5% Full Scale Accuracy
- Simple Operation
- Peak and Hold Function with Bar Graph Display

Parker ServiceJunior

The new Parker ServiceJunior captures momentary pressure spikes that are “invisible” to normal liquid-filled gauges. That means the maximum pressure reading it delivers can be trusted as a much truer reflection of the system’s actual condition; so you can identify potential problems better and diagnose their causes faster. All readings are accurate to within +/-0.5%.



ServiceJunior Features

- Easy to connect and test system pressure using Parker Diagnostic test port couplings
- Robust, dirt resistant housing
- Simple to operate, four key menu
- Four digit backlit display with easy to read large 0.60" characters
- Minimum and maximum graphic display shows pressure peak
- Power status displayed continuously
- Can be used with most hydraulic and pneumatic media
- Measure PSI, bar, mPa, kPa with one gauge

- Accuracy +/- 0.5% of full scale
- Three pressure ranges
- Operating temperature 14° to 122° F
- Fluid temperature -4° to 176° F
- Storage temperature -4° to 140° F
- Auto power off after 15 minutes or "constant on" at the touch of a button
- Zero adjustment function
- 10 msec scanning rate
- Ratings:

Environmental Protection: EN60529 (IP 65)
 Vibration: IEC 60068-2-6/10 – 500Hz: 20g
 Shock: IEC 60068-2-29/50g 11 msec

Measuring Range	ServiceJunior with PD Coupler	ServiceJunior with EMA3 Coupler	ServiceJunior with 1/4" NPT Port	Overload Pressure	Resolution
-14.5 to 250 PSI (-1 to 16 bar)	SCJR-0250-PD	SCJR-0250-EMA	SCJR-0250-4MP	580 PSI	0.1 PSI
0 to 5800 PSI (0 to 400 bar)	SCJR-5800-PD	SCJR-5800-EMA	SCJR-5800-4MP	11,600 PSI	1 PSI
0 to 8700 PSI (0 to 600 bar)	SCJR-8700-PD ¹	SCJR-8700-EMA ²	SCJR-8700-4MP	17,400 PSI	1 PSI

NOTES: 1. PD Couplers rated to 6,000 PSI max. 2. EMA3 Couplers rated to 9,000 PSI max.



Parker Quick Coupling Division provides the most complete line of hydraulic and pneumatic diagnostic equipment available. For more information please see QCD Catalog 3800.

Accessories

Part Number	Description
PD240	PD Series diagnostic coupler
SCA-7/16-EMA-3	7/16 -18UNF-2B female to M16X2.0 EMA3 female swivel
SCJA-1/4	7/16 -18UNF-2B female to 1/4" NPT male adapter
PDH-19	19" PD Hose extension to be used with PD nipple interface
SMA3-400	16" hose assembly for EMA M16X2.0 interface
SCC-110	Storage case for one gauge and diagnostic adapters
SCC-120	Storage case for two gauges and diagnostic adapters

Bulletin QCD 3800-SJR



SensoControl®

The Pressure's On! Diagnostic Promotion

The ServiceJunior Diagnostic Tee Kit is an excellent tool for capturing pressure measurements on all types of hydraulic and pneumatic equipment, both mobile and industrial. The kit combines accurate digital pressure gauges along with the most common in-line adapters for Triple-Lok and Seal-Lok port configurations. These adapters can be plumbed quickly to make interfacing with any system easy.

Together the ServiceJunior gauges and diagnostic tees provide system accessibility coupled with state-of-the-art precision measurement. The rugged case is designed to be versatile, with the ability to accommodate other SensoControl diagnostic products. This kit is the ideal tool for any pressure sensing application.

Contact:



Each ServiceJunior Diagnostic Tee Kit includes:

- *One, two, or three ServiceJunior Pressure Gauges with manuals*
- *Six Triple-Lok Tees with diagnostic test ports*
- *Six Seal-Lok Tees with diagnostic test ports*
- *One Whip Hose for each ServiceJunior gauge*
- *Three removable plastic Storage Compartments*
- *Custom engineered carrying Case*



ENGINEERING YOUR SUCCESS.

The Pressure's On!

Six ServiceJunior Diagnostic Tee Kits



PD Style Kits

SCJR1-KIT-PD

ServiceJunior Gauge:	
1	Range: 0 to 5800 PSI (0 to 400 bar)
6	PD style JIC Tee Fittings * 1/4 through 1 inch sizes
6	PD style ORFS Tee Fittings * 1/4 through 1 inch sizes
1	PD style Whip Hose * 32 inch (800 mm) length
1	Case - includes 3 plastic storage compartments

SCJR2-KIT-PD

ServiceJunior Gauges:	
1	Range: 0 to 1500 PSI (0 to 100 bar)
1	Range: 0 to 5800 PSI (0 to 400 bar)
6	PD style JIC Tee Fittings * 1/4 through 1 inch sizes
6	PD style ORFS Tee Fittings * 1/4 through 1 inch sizes
2	PD style Whip Hoses * 32 inch (800 mm) length
1	Case - includes 3 plastic storage compartments

SCJR3-KIT-PD

ServiceJunior Gauges:	
1	Range: -14.5 to 250 PSI (-1 to 16 bar)
1	Range: 0 to 1500 PSI (0 to 100 bar)
1	Range: 0 to 5800 PSI (0 to 400 bar)
6	PD style JIC Tee Fittings * 1/4 through 1 inch sizes
6	PD style ORFS Tee Fittings * 1/4 through 1 inch sizes
3	PD style Whip Hoses * 32 inch (800 mm) length
1	Case - includes 3 plastic storage compartments

EMA Style Kits

SCJR1-KIT-EMA

ServiceJunior Gauge:	
1	Range: 0 to 5800 PSI (0 to 400 bar)
6	EMA style JIC Tee Fittings * 1/4 through 1 inch sizes
6	EMA style ORFS Tee Fittings 1/4 through 1 inch sizes *
1	EMA style Whip Hose * 32 inch (800 mm) length
1	EMA style Union female to male adapter
1	Case - includes 3 plastic storage compartments

SCJR2-KIT-EMA

ServiceJunior Gauges:	
1	Range: 0 to 1500 PSI (0 to 100 bar)
1	Range: 0 to 5800 PSI (0 to 400 bar)
6	EMA style JIC Tee Fittings * 1/4 through 1 inch sizes
6	EMA style ORFS Tee Fittings * 1/4 through 1 inch sizes
2	EMA style Whip Hoses * 32 inch (800 mm) length
2	EMA style Unions female to male adapter
1	Case - includes 3 plastic storage compartments

SCJR3-KIT-EMA

ServiceJunior Gauges:	
1	Range: -14.5 to 250 PSI (-1 to 16 bar)
1	Range: 0 to 1500 PSI (0 to 100 bar)
1	Range: 0 to 5800 PSI (0 to 400 bar)
6	EMA style JIC Tee Fittings * 1/4 through 1 inch sizes
6	EMA style ORFS Tee Fittings * 1/4 through 1 inch sizes
3	EMA style Whip Hoses * 32 inch (800 mm) length
3	EMA style Unions female to male adapter
1	Case - includes 3 plastic storage compartments

ServiceJunior Digital Pressure Gauges:

- Simple to operate 4 key menu
- Min and max graphic display shows pressure peak
- Measure PSI, bar, mPa, kPa with one gauge
- Scans 100 times per second



* Coupler and Tee Fitting Pressure Ratings:

PD Couplers	6000 PSI
EMA Couplers	9000 PSI
JIC Tee Fittings (1/4" size)	6000 PSI
JIC Tee Fittings (3/8 - 3/4" size)	5000 PSI
JIC Tee Fittings (1" size)	4500 PSI
ORFS Tee Fittings (1/4 - 1" size)	6000 PSI

See Parker catalogs 3800 and 4300 for additional product information.

Bulletin SJR T Promo

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