



Meter Selection Guide

	The Parker Service Junior	The Parker Serviceman Plus	The Parker Service Master Easy	The Parker Service Master Plus
Pressure Sensing	■	■	■	■
Flow Sensing		■	■	■
Temperature Sensing		■	■	■
Rotational Speed Sensing		■	■	■
Auxiliary Sensing		■	■	■
Pressure Differential		■	■	■
Automatic Sensor Recognition		■	■	■
Frequency Sensing		■	■	■
Auto Power Off	■	■	■	■
Battery Monitoring	■	■	■	■
Battery Type	AA (2 req'd)	Rechargeable LI-ion	Rechargeable Ni-MH	Rechargeable LI-ion
PC Compatible (Windows 7)		■	■	■
Minimum/Maximum Memory	■	■	■	■
Self Contained Memory		■	■	■
On-Line Data Transfer		■	■	■
Text Display (Lines)	2	4	8	48
Inputs	1	2-3	4	26
Data Points (Maximum in Memory)		270,000	1,000,000	1,000,000,000
Numbered LCD Display	■	■	■	■
Basic Hydraulic Calculations		■	■	■
USB Interface		■	■	■
CAN Sensors		■		■
Graphic Color Display				■
Additional Storage Media		■		■

The Parker Serviceman Plus, Parker Service Master Easy and the Parker Service Master Plus require the appropriate sensors to perform measurement functions.

Test Port Coupling Selection Guide									
Test Port	Valving Style	Body Size	Material*			Locking Mechanism	Standard Seal Material	Rated Pressure	Temp Range**
			Br	SS	S				
PD Series	Flush Face	1/8"	■	■	■	Ball	Nitrile	6000 psi	-40° to +250° F
PDP Series	Ball (Nipple only)	1/8"	■	■	■	Ball	Nitrile	6000 psi	-40° to +250° F
EMA3 Series	Poppet	1/8"	■	■	■	Threads	Nitrile/Fluorocarbon	9000 psi	-15° to +250° F

* See Fluid Compatibility chart and/or consult QCD for questions regarding proper material for specific applications.

CODE: Br = Brass; SS = Stainless Steel; S = Steel

** Temperature Range for standard seal material



The Parker ServiceJunior is an integrated digital pressure gauge with minimum/maximum memory capability.

Capabilities:

- Hand held digital pressure gauge
- Measure and Display
-Pressure

Features:

- Easy operation
- Backlit display
- User-adjustable pressure units
- Min/Max memory
- Battery life indicator applications
- Ranges for hydraulics and pneumatics
- Scanning rate of 10ms
- Fluid temperature: -4° to 176° F
- Colored covers correspond with pressure ranges for easy identification

Cover Color Code

Blue	-14.5 to 230 PSI (-1 to 16 bar)
Green	0 to 1500 PSI (0 to 100 bar)
Orange	0 to 5800 PSI (0 to 400 bar)
Red	0 to 8700 PSI (0 to 600 bar)

Part Numbers and Specifications

ServiceJunior with PD Coupler	ServiceJunior with EMA3 Coupler	ServiceJunior with 1/4" NPT Port	Measuring Range	Overload Pressure (psi)	Resolution (psi)	Accuracy
SCJR-0250-PD	SCJR-0250-EMA	SCJR-0250-4MP	-14.5 to 230 PSI (-1 to 16 bar)	580	0.1	0.5% FS
SCJR-1500-PD	SCJR-1500-EMA	SCJR-1500-4MP	0 to 1500 PSI (0 to 100 bar)	2,900	1	
SCJR-5800-PD	SCJR-5800-EMA	SCJR-5800-4MP	0 to 5800 PSI (0 to 400 bar)	11,600	1	
SCJR-8700-PD*	SCJR-8700-EMA**	SCJR-8700-4MP	0 to 8700 PSI (0 to 600 bar)	17,400	1	

* PD Couplers rated to 6,000 PSI max

** EMA3 Couplers rated to 9,000 PSI max

Accessories

Part Number	Description
PD240	PD Series Diagnostic Coupler
SCA-7/16-EMA-3	7/16 - 20UNF-2B female to M16X2.0 EMA3 female swivel
SCJA-1/4	7/16 - 20UNF-2B female to 1/4" NPT male adapter
PDH-19	19" PD Hose extension to be used with PD nipple
PDH-32	32" PD Hose extension to be used with PD nipple
SMA3-400	16" (400 mm) Hose assembly for EMA M16X2.0 interface
SCC-110	Storage case for one gauge and diagnostic adapters
SCC-300	Storage case for three gauges and diagnostic adapters



PD Style Kits

SCJR1-KIT-PD	
1	ServiceJunior Gauge: 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	
1	ServiceJunior Gauge: Range: 0 to 1500 psi (0 to 100 bar)
1	ServiceJunior Gauge: 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	
1	ServiceJunior Gauge: Range: -14.5 to 230 psi (-1 to 16 bar)
1	ServiceJunior Gauge: Range: 0 to 1500 psi (0 to 100 bar)
1	ServiceJunior Gauge: 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	
1	ServiceJunior Gauge: 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	
1	ServiceJunior Gauge: Range: 0 to 1500 psi (0 to 100 bar)
1	ServiceJunior Gauge: 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	
1	ServiceJunior Gauge: Range: -14.5 to 230 psi (-1 to 16 bar)
1	ServiceJunior Gauge: Range: 0 to 1500 psi (0 to 100 bar)
1	ServiceJunior Gauge: 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

F Diagnostic