



Specifications

SMART SERVICE TOOL KIT

Wireless Temperature and Pressure Sensors



SPECIFICATIONS

GENERAL	
Connectivity	Bluetooth v4.0 (Bluetooth Low Energy / Bluetooth Smart)
Compatibility	iPhone 4S and newer / iPod Touch Gen 5 or higher / iPad 3 and newer (Air and Mini) / Minimum – Android 4.3, 5.0 or higher recommended
Standards	FCC / IC / CE
SMART Service Tool Kit Dimensions	9.6" x 8.1" x 4.6" (244mm x 206mm x 117mm)
SMART Service Tool Kit Weight	3.5 lbs. (1.59 kg)
TEMPERATURE	
Sensor Type	NTC Thermistor
Accuracy	± 0.75% full scale
Resolution	0.1°F / 0.1°C
Temperature Range	
Operating	0°F to 140°F (-18°C to 60°C)
Line/Surface	-20°F to 250°F (-29°C to 121°C)
Storage (w/o Battery)	-40°F to 160°F (-40°C to 71°C)
Ingress Protection Rating	IP 65 / Dust tight and tolerant to some water jetting
Material	
Body/Battery Cap	UV Resistant Plastic
Line Sizes	1/4" through 1-1/2" OD (6mm through 35mm)
Power Supply	Single, CR2450 - Replaceable Battery
LOW PRESSURE SENSOR	
Connection Size	1/8" NPT - Male
Accuracy	± 0.75% full scale
Resolution	0.1 psig / 0.1 barg
Temperature Range	
Operating	0°F to 140°F (-18°C to 60°C)
Storage (w/o Battery)	-40°F to 160°F (-40°C to 71°C)
Pressure Range	-14.7 psig to 300 psig (-1.01 barg to 20.7 barg)
Proof Pressure	500 psig (34.5 barg)
Ingress Protection Rating	IP65 / Dust tight and tolerant to some water jetting
Material	
Wetted Surface	Stainless Steel
Body/Battery Cap	UV Resistant Plastic
Power Supply	Single, CR2450 - Replaceable Battery

HIGH PRESSURE SENSOR	
Connection	1/8" NPT - Male
Accuracy	± 0.75% full scale
Resolution	0.1 psig / 0.1 barg
Temperature Range	
Operating	0°F to 140°F (-18°C to 60°C)
Storage (w/o Battery)	-40°F to 160°F (-40°C to 71°C)
Pressure Range	0 psig to 700 psig (0 barg to 48.3 barg)
Proof Pressure	1,000 psig (69.0 barg)
Ingress Protection Rating	IP65 / Dust tight and tolerant to some water jetting
Material	
Wetted Surface	Stainless Steel
Body/Battery Cap	UV Resistant Plastic
Power Supply	Single, CR2450 - Replaceable Battery
APP	
Overview	The SMART Service App is a Native App; the App is installed and ran directly onto the smart device. Internet access is not required to run the App.
Bluetooth Low Energy Connection	Available Auto Connect Feature
Units of Measure	Pressure: psig or barg / Temperature: °F or °C
General	Offsets available for both Pressure and Temperature Mock Sensors available for both Pressure and Temperature Delta Subtitles available for both Pressure and Temperature Ability to Record Data to .csv file Over 115 refrigerants

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Parker Hannifin Corporation
Sporlan Division

206 Lange Drive • Washington, MO 63090 USA

phone 636 239 1111

fax 636 239 9130

www.sporlanonline.com