

Feature	Values
Measurement Types	Pressure: psi; bar; kPa; Mpa; Feet of head Temperature: °F; °C; K Rough Vacuum: inHg; inH20; mbar; hPa; Pa; Torr
Sensor Types	Pressure: 2x pressure sensor; onboard barometric pressure Temperature: 4 x NTC thermistor
Measuring Cycle	0.5 second user adjustable .5; 1; 2 seconds
Connections	Pressure connections 3 x 1/4" SAE + 1 x 3/8" SAE Vacuum port
Interfaces	Bluetooth; Bluetooth LE; ZigBee; Mini-USB
Measurement Ranges	Pressure measurement range Low Pressure:-14.5 to 232 psig High Pressure: -14.5 to 580 psig Temperature: -40°F to 300°F
Overload Pressure	LP/HP 580 psi/1450 psig (40 bar relative / 100 bar relative)
Resolution	0.1 psi; 0.1°F/C/K
Accuracy (nominal temperature)	Temperature: +/- 0.2°C or +/- 0.5% of reading
Accuracy: Pressure	Pressure: <.5% FS accuracy at 25°C This considers the components of total error band: Room Temp Errors: Zero Offset; Span Error; Non Linearity; Non Repeatability; Hysteresis; Temperature Related: Temperature Sensitivity of Offset (TSO); Temperature Coefficient of Span Output (TCS)
Number of Refrigerants	45+ (Additional can be added)
Selectable Refrigerants	R-12; R-123; R-236ea; R-245fa; R-401B; R-404A; R-407C; R-410A; R-416A; R-421A; R-422B; R-424A; R-428A; R-438A; R-507; R-1234yf; R-124; R-236fa; R-290; R-402A; R-406A; R-408A; R-413A; R-417A; R-421B; R-422C; R-426A; R-434A; R-500; R-508B; R-22; R-134A; R-245ca; R-401A; R-402B; R-407A; R-409A; R-414B; R-420A; R-422A; R-422D; R-427A; R-437A; R-502; R-600A
Measureable Medias	All refrigerants listed above; not for use with ammonia (R717) and or other refrigerants that contain ammonia
Ambient conditions	Operating Temperature: -4 to 140°F Limited by batteries Storage Temperature: -20 to 140°F
Housing	Material: Al; brass; steel; ABS Dimensions:10.5" x 5.5" x 3" Weight: Approximately 3 lbs with batteries
IP Class	54
Power Supply	Power source 6 x 1.5 V AA batteries; rechargeable/non-rechargeable; USB
Standards	FCC/CE/C-Tick
Warranty	2 year limited warranty on the instrument; 1 year on probes Terms: See Stride Tool website or catalog