

AccuTools® BluVac – UNTOUCHABLE BY THE COMPETITION!

	AccuTools® BluVac	AccuTools® BluVac LTE	Supco VG-64	Yellow Jacket Super Evac	CPS VG200	JB DV-40/DV-41	Inficon Pilot Plus
Vacuum Range	0.0 to 25,000 Microns	0.0 to 25,000 Microns	0 to 12,000 Microns	1 to 760,000 Microns	0 – 25,000 Microns	10 to 12,000 Microns	1 Micron to 1 Atmosphere
Vacuum Resolution	0.1 Micron (0.0 to 9999.9 Microns) 1 Micron (10,000 to 25,000 Microns)	1 Micron (0 to 25,000 Microns)	1 Micron (0 to 200 Microns) 5 Micron (200 to 500 Microns) 10 Micron (500 to 1,000 Microns) 50 Microns (1,000 to 2,000 Microns) 250 Microns (2,000 to 5,000 Microns) 500 Microns (5,000 to 8,000 Microns) 1000 Microns (8,000 to 12,000 Microns)	1 micron (below 1,000 microns)	1 Micron	Not Published	Not Published
Vacuum Accuracy	5% of Reading ± 5 Microns	5% of Reading ± 5 Microns	± 10% (0 - 1,000 Microns)	± 20% of Reading	± 10% of Reading	Not Published	< 20,000 Microns: ± 5% Reading > 20,000 Microns: ± 10% Reading
Displayed Units	Microns, Pascals, Millibar, Millitorr, mmHg	Microns, Pascals, Millibar, Millitorr, mmHg	Microns, PSI, InHg, Millibar, Pascals, Torr, Millitorr	Microns	Microns, InHg, mBar, Torr	Microns, Pascals, Bar, InHg, Millibar, Millitorr, Torr	Micron, Millibar, Pascals
Update Rate	3.75 Readings/Second	3.75 Readings/Second	2 Readings/Second	Not Published	Not Published	Not Published	Not Published
Operating Temperature Range	10°F to 122°F (-12°C to 50°C)	10°F to 122°F (-12°C to 50°C)	36°F to 125°F (2°C to 52°C)	32°F to 120°F (0°C to 49°C)	32°F to 122°F (0°C to 50°C)	Not Published	32°F to 122°F (0°C to 50°C)
Maximum Altitude	No Limit	No Limit	Not Published	Not Published	Not Published	Not Published	2000 meters
Temperature Display?	Yes	No	No	No	No	No	No
Temperature Resolution	0.1° (°C or °F)	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Temperature Accuracy	0.1°C / 0.18° F	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Maximum Overpressure	500 PSI	500 PSI	300 PSI	5 PSIG	400 PSI	Not Published	150 PSI
Warm-Up Time	Instant	Instant	Not Published	3 Seconds	Not Published	30 Seconds	Not Published
Response Time	Instant	Instant	Not Published	3 Seconds	Not Published	Not Published	Not Published
Power Supply	1 9V Alkaline Battery	1 9V Alkaline Battery	1 9V Alkaline Battery	1 'D' Battery	1 9V Alkaline	Not Published	1 9V Alkaline
Battery Life	Up to 300 Hours	Up to 300 Hours	35 Hours	70 Hours	20 Hours	Not Published	45 Hours
Battery Level Indicator	Yes (4 Level Bar Graph)	Yes (4 Level Bar Graph)	No	Low Battery	Yes (3 Level Bar Graph)	Yes (3 Level Bar Graph)	No
Advanced Power management	Yes (Sleep Mode)	Yes (Sleep Mode)	No	No	No	No	No
Auto Power-Off	Yes	Yes	Yes	Yes	No	Yes	Yes
Weight	6 oz. (with battery and hook)	6 oz. (with battery and hook)	6.7 oz.	Not Published	5.5 oz. (excl. battery)	Not Published	8.3 oz (with battery)
Dimensions	3.5" x 3" x 1.25"	3.5" x 3" x 1.25"	5.5" x 3" x 1.25"	12.5" x 2.4" x 9"	5" x 2.7" x 1.6"	Not Published	7.25" x 3.5" x 1.25"
Backlight?	Yes (Blue)	Yes (Blue)	No	No	No	Yes (Green)	No
Alarm?	Yes	No	No	No	No	Yes	No
Programmable (pressure)?	Yes	No	No	No	No	Yes	No
Programmable (time)?	Yes	No	No	No	No	No	No
Analog Pressure Indicator?	Yes (10 Level Bar Graph 10 to 10,000 Microns)	Yes (10 Level Bar Graph 10 to 10,000 Microns)	Yes (above 12,000 Microns)	No	No	No	No
Leak Rate Indicator	Yes	No	No	No	No	No	No
Hanger?	Detachable Swivel Hook	Detachable Swivel Hook	Built-In Hanger (non-swivel, non-detachable)	Detachable Swivel Hook	No	Swivel Hook	No
Oil Sensor?	Yes	Yes	No	No	No	No	No
Calibration Self-Test?	Yes	Yes	No	No	No	No	No
Self Diagnostics?	Yes (Sensor Damaged/Missing, Proper Calibration, Oil)	Yes (Sensor Damaged/Missing, Proper Calibration, Oil)	No	No	No	Yes (Sensor Damaged/Missing)	No
Field Calibratable?	Yes	Yes	No	No	No	No	Barometric Pressure Only
Calibration Equipment Required	Freezer Resealable Plastic Bag	Freezer Resealable Plastic Bag	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

MADE IN THE U.S.A.

www.BluVac.com – (954) 227-0781

References: www.supco.com, www.yellowjacket.com, www.cpsproducts.com, www.jbind.com, www.inficon.com