

Air Data Feature Comparison Chart

MEASUREMENT DATA

	1811 Legacy	1811NG	DPS350	DPS1000	DPS450	DPS500
R.V.S.M. Accuracy	-	-	S	S	S	S
Aneroid Instruments (Analog)	S	-	-	-	-	-
Correction Cards	S	-	-	-	-	-
Altitude up to 55,000 ft	O	S	S	S*	S	-
Altitude up to 100,000 ft	-	-	-	-	-	S
Airspeed up to 650kts	O	S	S	S	S	-
Airspeed up to 850kts	-	-	-	-	-	S
Airspeed up to 1000kts	-	-	-	-	-	O
Vertical Speed to 6000 ft/min	O	S	S	S	S	S
Vertical Speed above 6000 ft/min	O*	S	S	S	S	S
Transducers	O*	S	S	S	S	S

(S*) Standard configuration specified accuracy to 55,000 ft, MOD "A" configuration, specified accuracy up to 52,500 ft, de-rated above that

DISPLAY CHARACTERISTICS

	1811 Legacy	1811NG	DPS350	DPS1000	DPS450	DPS500
Analog instruments	S	-	-	-	-	-
Digital LCD Display	O*	-	S	-	S	S
Color Graphic Touch Screen	-	S	-	S	-	-
Airspeed, knots	S	S	S	S	S	S
Altitude, feet	S	S	S	S	S	S
Rate of Climb, feet per minute	O	S	S	S	S	S
Mach	O*	S	S	S	S	S
Airspeed, kilometer per hour	O*	S	S	S	S	S
Altitude, meters	O*	S	S	S	S	S
Rate of Climb, meters per minute	O*	S	S	S	S	S
Airspeed, miles per hour (MPH)	-	S	-	S	S	S
EPR: Pt / Ps	O*	S	S	S	S	S
Units in millibars	O*	S	S	S	S	S
Units in inches of mercury (inHg)	O*	S	S	S	S	S
Units in psi	O*	S	S	S	S	S
Units in mm of mercury (mmHg)	-	S	-	S	S	S
Units in InH ₂ O (4°C, 20°C, 60°F)	-	S	-	S	S	S
Units in hectopascal (hPa)	-	S	-	S	S	S
Units in kilopascal (kPa)	-	S	-	S	S	S
True Airspeed, knots & kilometer per hour	-	-	-	-	-	S

CONTROL FEATURES

	1811 Legacy	1811NG	DPS350	DPS1000	DPS450	DPS500
Manual needle valve control	S	-	S	-	-	-
Leak measure facility	O*	S	S	S	S	S
Full automatic microprocessor control	-	S	-	S	S	S
Keyboard data entry	-	S**	-	S**	S	S
Controlled climb / decent rate	-	S	-	S	S	S
Automatic "Go to ground" function	-	S	-	S	S	S
Auto Intervention (for excessive leaks)	-	S	-	S	S	S
Remote control	-	S***	-	S***	S	S
WIFI Enabled (Tablet)	-	S	-	S	-	-
Automatic Leak Test Routine	-	S	-	S	-	O

S = Standard Feature

O = Option

- = Not available

* 1811 Series with DAS650 & DALT55 option

** DPS1000 Data Entry via Graphic Touch Screen Display

*** WIFI and Tablet Application



Aero Express, Inc. is an Authorized Distributor of Barfield
www.aeroexpress.com 816-246-4500 sales@aeroexpress.com