

Air Data Feature Comparison Chart

MEASUREMENT DATA

| | 1811 Series | 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 | - |
| Altitude up to 100,000 ft | - | - | - | - | S |
| Airspeed up to 650kts | O | S | S | S | - |
| Airspeed up to 850kts | - | - | - | - | S |
| Airspeed up to 1000kts | - | - | - | - | O |
| Vertical Speed to 6000 ft/min | O | S | S | S | S |
| Vertical Speed above 6000 ft/min | O* | S | S | S | S |
| Transducers | O* | S | S | S | S |

DISPLAY CHARACTERISTICS

| | 1811 Series | DPS350 | DPS1000 | DPS450 | DPS500 |
|---|-------------|--------|---------|--------|--------|
| Analog instruments | S | - | - | - | - |
| Digital LCD Display | O* | S | - | S | S |
| Color Graphic Touch Screen | - | - | S | - | - |
| Airspeed, knots | S | S | S | S | S |
| Altitude, feet | S | S | S | S | S |
| Rate of Climb, feet per minute | O | S | S | S | S |
| Mach | O* | S | S | S | S |
| Airspeed, kilometer per hour | O* | S | S | S | S |
| Altitude, meters | O* | S | S | S | S |
| Rate of Climb, meters per minute | O* | S | S | S | S |
| EPR: Pt / Ps | O* | S | S | S | S |
| Unit measurement in millibars | O* | S | S | S | S |
| Unit measurement in inches of mercury | O* | S | S | S | S |
| Unit measurement in psi | O* | S | S | S | S |
| Unit measurement in millimeters of mercury | - | - | S | S | S |
| Unit measurement in InH2O (4°C, 20°C, 60°F) | - | - | S | S | S |
| Unit measurement in hectopascals | - | - | - | S | S |
| Unit measurement in kilopascal | - | - | S | S | S |
| True Airspeed, knots & kilometer per hour | - | - | - | - | S |

CONTROL FEATURES

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

S = Standard Feature O = Option - = Not available

* 1811 Series with DAS650 & DALT55 option Application

** DPS1000 Data Entry via Graphic Touch Screen Display *** Optional WIFI and Tablet

