

1811GA-1811HA PITOT STATIC TESTER

GENERAL INFORMATION

The Barfield 1811GA/HA testers are portable, self-contained units, used for testing and calibrating aircraft pitot-static systems. The tester uses three analog instruments (Altimeter, Vertical Speed, and Airspeed) with the appropriate correction cards to perform aircraft leak tests or instrument calibrations. All 1811 series testers are configured with hand pumps and external pressure ports for supplying the necessary pressure and vacuum (no external power required) needed for on-board testing and calibration. The Barfield 1811 series of Air Data testers are very practical for new facilities or those with a limited budget. The unit includes two 25-foot hoses, a pitot mast adapter, a 2423F static port adapter kit and a pitot-static system videotape. 1811HA models come with an additional internal electric pump. The 1811GA and 1811HA are both available with the new DAS650 Digital Airspeed and DALT55 Digital Altimeter. Below is the P/N generation table:



1811GA

1811HA

	1	2	3
AIR SPEED INDICATORS			
1	650 KNOT RANGE (50-650) KNOTS		
4	420 KNOT RANGE (60-420) KNOTS		
6	250 KNOT RANGE (20-250) KNOTS		
9	SPECIAL		
A	DAS650, DIGITAL 650 KNOT RANGE		
VERTICAL SPEED INDICATORS			
2	2000 FEET/MIN RANGE		
3	3000 FEET/MIN RANGE		
4	4000 FEET/MIN RANGE		
6	6000 FEET/MIN RANGE		
9	SPECIAL		
0	VSI INCLUDED IN DALT55		
ALTIMETERS			
4	PRECISION DUAL DIAPHRAGM, 3 pts. 80K RANGE CAL TO 55K, InHg/mb BARO SCALE		
5	SENSITIVE, 3 ptr., 50,000 FEET InHg/mb BARO SCALE		
5	SENSITIVE, 3 ptr., 35,000 FEET InHg/mb BARO SCALE		
9	SPECIAL		
A	DALT55, DIGITAL 55K FEET		

ORDERING EXAMPLE: P/N 1811HA125 IS AN 1811HA TESTER HAVING A 650 NOT AIRSPEED, A 2000 FT/MIN, VERTICAL SPEED INDICATOR AND A 35K FT. ALTIMETER. ALSO P/N 1811GA00A IS AN 1811GA TESTER CONTAINING DAS650 AND DALT55 DIGITAL INSTRUMENTS.

1811GA/HA ACCESSORIES

115-00056 Hose Kit (2 ea. - 25 Ft.) incl. Pitot Adapt. (Included with new testers)
115-00218 Hose Kit (2 ea. - 40 Ft.) incl. Pitot Adapt.
115-00057 Pitot Tube Adapter Assy. (1/2" inner Dia.)
2423F Static Port Adapter Kit

DIMENSIONS

	In.	cm.
Height	9.76	24.8
Width	15.4	39.1
Depth	14.9	37.8
	lbs.	kg
1811GA		
Weight	24.0	10.9
1811HA		

FEATURES

- Greatly Improved Pump Capability, higher Altitudes, larger volumes (1811HA)
- Operates from 115/230 VAC 50-400 Hz (1811HA)
- Smaller Case, allowing unit to fit in tight quarters
- Performs on board instrument calibration checks
- Performs precision Pitot-Static leak test
- 3 instrument combination with optional ranges
- Calibration cards for all analog instruments
- Fully portable self-contained (No external or electric pressure sources required) vacuum & pressure hand pumps installed on both models (1811GA & 1811HA)
- Durable military-style fiberglass carrying case
- Digital Instruments for greatly improved accuracy and reliability are now available