



Ground Support Test Equipment DPS1000 – RVSM Digital Pitot Static Test Set



DPS1000

Where inspiration meets innovation

The DPS1000 is Barfield's latest fully automated, user-friendly RVSM compliant air data test set. The DPS1000 performs altimeter and static systems tests and inspections. Critical components used in the DPS1000 have a well established history of proven flight line accuracy including pumps, valves and static/altitude transducers.

Highlight on the Barfield Innovative App

Barfield has introduced an innovative state-of-the-art option to the DPS1000. A wireless tablet communication capability allowing display and control using the latest Wi-Fi technology.

The DPS1000 can be fully operated either from the display screen or from the tablet App. Both Android and iOS versions are available for download from Google Play Store and Apple Store.



DPS1000
P/N 101-01175

Test Sets you can Rely On

Barfield Innovative App operates as follow:

- Connect to the DPS1000 via available Wi-Fi technology
- Once Wi-Fi connection is established, the user can remotely operate the DPS1000.
- The data on the tablet App is identical to the one on the DPS1000.
- When connecting to the DPS1000, the App will detect its firmware (HUIM & PCM) version.
- If the firmware version on the DPS1000 is older than the one on the App, it will automatically trigger an update to match the App firmware version, which is usually the latest version.*

** Patent Pending*



Features

- High accuracy - RVSM compliant
- Fully automatic control
- 7" Color Graphic Touch Screen resident
- LCD sunlight readable
- Usable with gloves in cold climate
- Versatility to update user interfaces & features
- Go to ground function
- Auto leak test custom profiles
- Programmable limit protections
- Altitude correction
- Altitude compensation for leak testing
- Durable wheels & extendable handle on case
- Limited 2 Year Warranty



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Features

Stability (Calibration)	
Drift per 12 Months	
0.025% of Range/Year (Max)	
Temperature Range	
Calibrated:	0°C to +50°C
Operational:	0°C to +50°C
Storage:	-25°C to +70°C
Humidity	
0-95% Non-Condensing	

Dimensions	in.	cm.
Height:	14.8	37.6
Width:	22.2	56.4
Depth:	9.0	22.9
	lbs.	kg.
Weight:	33	15

AC Power Requirements	
85-264 VAC; 50-60 Hz	
Ps, Pneumatic Capacity (6000 ft/min)	
125 cu. in. 2 Liters	
Pt, Pneumatic Capacity (300 ft/min)	
75 cu. in. 1.3 Liters	

Accuracy	
MACH	Better than 0.005
EPR	Better than 0.005
	± 2% of Value
Ps Sensor	± 0.0030 InHg
Qc Sensor	± 0.10% Reading

For any question and/or more specific information, please feel free to contact us:
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