

DPS 9000-TIB (Mobile) YAC – Yard Air Controller



**NEW
PRODUCT**



DPS 9000-TIB (Mobile) YAC – Yard Air Controller



Specifications:

- Light and compact design allows for mobile use on multiple tracks
- Weight: ~29.5 lbs.
- Enclosure Dimensions (not including hose connections):
14.9" L x 12.1" W x 9.6" D
- Powered by air turbine with battery back up. Turbine charges battery.
- Includes both AC Wall and DC Car charger.
- LED Status/Battery indicator



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Highly Automated and easy to use:

- Advanced Self-diagnostics
- Guided/Simple testing dialog customized to Customer specifications
- Support for custom dialogs to comply with policy (e.g., Blowing out airlines prior to connection with a train)
- Device control lock out for Carmen safety (Virtual Blueflag)
- Displays linked control devices
- Displays leakage rate PSI per minute
- Pressure for Head and Rear end pressure
- Digital air flow meter (AFM)
- Uses ETD or an analog pressure gauge at end of train

Benefits unique to DPS 9000-TIB YAC:

- DPS supports self-calibration of the device reduces annual maintenance costs
- YAC controller interface can be configured to customer needs
- YAC back office data is transmitted in near real time and is easily analyzed for productivity reports, history, etc.
- Increase efficiency and reduced operating cost
- Air Pressure and Flow measurements are recorded every 2 seconds, allowing detailed analysis of testing.
- Every user action is recorded and time stamped, providing a clear picture of how the test was performed.
- Increases consistency of Class I Air Brake Test
- Powered by a rechargeable battery and an air turbine



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The **DPS 9000 YAC-TIB – Yard Air Controller** is a labor saving device to automatically conduct and document Class I air brake tests. Automating the Class I test eliminates human error, improves efficiency, and increases the detail of documentation.

A user is guided step by step through the Class I or Class III test. Easy to follow prompts are customizable to achieve railroad operational goals.

Using an electronic device such as a tablet, computer or smartphone, a Carman can remotely control all parameters of the yard air:

- Brake Application
- Brake Release
- Air Flow Monitor (AFM)
- Air Pressure Monitor
- Measure Air Leakage Rate

The YAC eliminates the need for personnel to travel back and forth to the yard air valves to set and release brakes.

The **DPS 9000 YAC-TIB** communicates with the back office to electronically record the initial terminal test. Data is sent to the back office in near real time, allowing supervisors to monitor tests while they occur.

Historical data is easily analyzed using a built-in reporting tool. Many data points are stored including:

- Time of each test step and user action
- Track, Train Symbol
- Start/End Pressure and Flow
- Leakage in PSI
- Data can easily be exported to Excel for advanced analysis

