

## Overview

The ACC9001 provides a PC-based family of programs, tools and information that will facilitate the implementation, optimization and use of AirCare Controllers.

This tool is provided for remote set-up and troubleshooting of AirCare Automation products and systems while reducing the need for engineering site-visits.

- Cleanroom commissioning and validation FFU control systems provided by AirCare Automation and its OEM partners require evaluation tools to confirm communication integrity and confirm system controls. MODSCAN, Comtest Pro & CAS Modbus Scanner provide strong analytical support along with cable testers and DMM.
- Closed loop Controller designs – Using the AirCare VariPhase™ v7 and new EC closed-loop control cards, setting closed loop PIDt parameters are supported by the Drive Configuration and PID Tuning Interface. Communication between the AirCare software and the AirCare Controllers allow for modification on-the-fly and allow access to critical MODBUS registers that allow system optimization to be achieved rapidly.

Remote Internet access to the laptop PC by AirCare professionals assist in the configuration and diagnostics of a new design or installation.



## Specification Summary

- Tune AirCare Controllers PID loops in real time
- Configure/reconfigure AirCare Controllers remotely
- Update Firmware in AirCare Controllers
- Remote assistance in troubleshooting/setup
- Modbus TCP/IP or MODBUS RTU tools to troubleshoot AirCare Controllers
- Troubleshoot the following:
  - Modbus Slave network
    - Cat5e Cables
    - AirCare Controllers
  - AirCare controller I/O
    - Input power
    - Accessory hookup

## Features

- AirCare Drive Configuration & PID Tuning Interface
- AirCare Flash Downloader – download firmware updates for AirCare motor controllers
- AirCare product and reference documentation.
- Join.me – remote desktop application for live, factory assistance
- Flexible Modbus diagnostic tools:
- MODBUS RTU interface - includes AirCare factory connections screens scripts (MODSCAN 32).
- ComTest Pro – Modbus device diagnostics and performance testing
- CAS Modbus Scanner – detects/discovers Modbus slave devices on a network
- The ACC9001 has a cable integrity tester and digital multi-meter to assist in evaluating installations.

## AirCare Drive Configuration & PID Tuning Interface

