degreeℂ™
DEGREE CONTROLS, INC.

Your Partner for Airflow Sensing & Controls

°C Port3600

Applications

- Data Center
  - Server Exhaust/Intake Analysis
- HVAC
  - High Performance HVAC Product Design
  - Ductwork & Ventilation System Commissioning
- Information Technology
  - Computational Fluid Dynamics Validation
  - PCB Airflow Impedance Styling
- Laboratory & Research
  - Biosafety Cabinet Design & Validation
- Telecommunication
  - Surface Condensation & Humidity Analysis

Degree Controls, Inc.

is an ISO-9001 certified, world-class designer and manufacturer of airflow sensing, monitoring, and control solutions. With over 20 years of proven experience, we pride ourselves on delivering solutions which provide the value, differentiation, and service required by our customers, to meet the rapidly changing competitive landscape that they face.

Degree Controls, Inc.
18 Meadowbrook Dr.
Milford, NH 03055

603.672.8900 or 1.877.334.7332
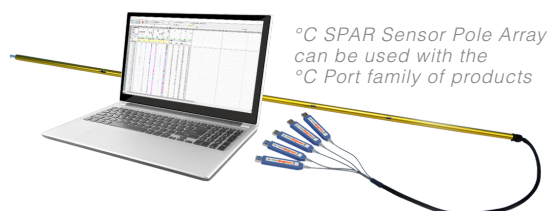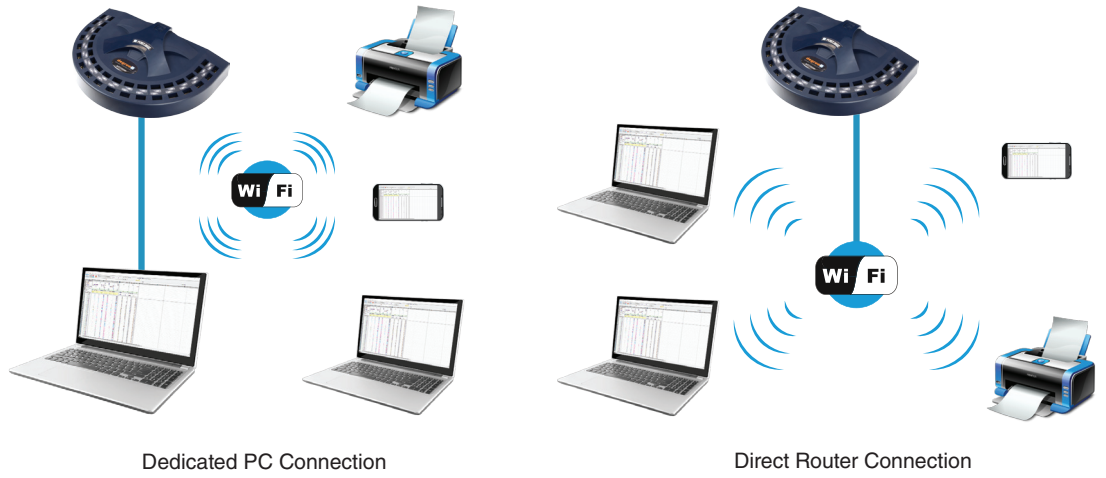sales@degreeC.com
www.degreeC.com

Overview

Single point measurement devices such as vein anemometers or hand-held probe anemometers are cumbersome, interfere with the airflow profile, and are generally non-repeatable due to the nature of the hand-held setup. The °C Port3600 takes care of these limitations and logs airflow data with an easy to use, Windows compatible software tool called AccuTrac™.

The °C Port3600 is a reliable and user-friendly 36-channel measurement instrument, specifically designed for the demands of product developers and airflow analysts worldwide. Air velocity, humidity, and temperature sensors are available in different packages for a variety of testing applications. The °C Port3600's internal pressure and humidity sensors compensate for changing ambient conditions during a test, providing the user with the best accuracy at all times.

The AccuTrac™ software, included with your °C Port3600, can turn your Windows-based PC into a powerful data logging and analysis system. Using an Ethernet interface, the °C Port3600 joins your network just like any other device, allowing multiple users to access ongoing experiments. With our AccuTrac™ web portal application, remote users can logon to monitor experiments and generate reports from any device.

The °C Port family of multipoint sensing instruments has been used by designers, engineers, and data analysts for over 20 years in all industries where airflow performance is mission-critical and integral to long-term product reliability.

°C SPAR Sensor Pole Array can be used with the °C Port family of products

UAS1000 = Air Velocity & Air Temperature
UAS2000 = Microflow Air Velocity & Temperature
UTS1000 = Surface Temperature
UHS1000 = Humidity

Features

- Turn your Windows-based PC into a powerful air velocity and temperature measurement instrument with the °C Port3600 and AccuTrac™ software.
- Web portal for multi-user sharing and remote monitoring of experiments on any PC or mobile device.
- Simultaneous measurement of air velocity, humidity, and temperature in real-time at up to 36 points. [For smaller scale applications, see our °C Port1200]
- Built-in atmospheric pressure and humidity compensation for best accuracy and repeatability.
- Designed for use with instrumentation-grade AccuSense™ USB air velocity, humidity, and temperature sensors.
- Miniature sensors designed for multipoint measurement with minimal disruption to flow profile.

NOVA INSTRUMENTS

Network Diagram

Dedicated PC Connection

Direct Router Connection

Specifications

Part Number	SH65100
Communication Interface	Ethernet
LEDs	Power Indicator, Communication Ready Indicator
PC Support	Windows 7, Windows 8, and Windows 10
Supported Software	AccuTrac™
Country of Origin	Made in USA

Environmental

Dimensions	30 cm x 22 cm x 7 cm [11.7" x 8.5" x 2.8"]
°C Port Weight / Kit Weight	0.91 Kg [2 lbs.] / 5 Kg [11 lbs.]
Power	100-250VAC, 50/60Hz, 2A max
Certifications	CE, RoHS
Operating Temperature	10 to 40°C (50 to 104°F)
Storage Temperature	-20 to 60°C (-4 to 140°F)
Operating Humidity	10 to 80%, relative humidity, non-condensing
Storage Humidity	5 to 90% non-condensing

Computer Requirements

Windows® PC with ethernet port and AccuTrac™ software

Part Number

SH65100

Purchase of °C Port3600 includes °C Port, power supply, carrying case, sensor mounting clips, and user manual.

USB Series UAS, UTS, & UHS sensors are sold separately.

Note: AccuTrac™ software downloadable on www.degreec.com

°C Port3600 Kit

© © 65100DS000-A03

Degree Controls, Inc., a Nova Instruments company

NOVA INSTRUMENTS