degreeC™
DEGREE CONTROLS, INC.

Your Partner for Airflow Sensing & Controls

AccuTrac™

Features

- Real-time data collection
- Data saved in common file formats (.xlsx, .csv, .jpeg)
- Two easy-to-use graphing tools for logging velocity and temperature via gradient-style or linear-style mapping
- Compensation for Altitude and barometric pressure
- Create customized labels for sensors
- Customize start and stop times for tests
- Automatic or manual data collection
- Automatically inserts flow range and calibration date of each sensor into spreadsheets

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.

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Overview

Paired with the DegreeC USB-based °C Port family of data acquisition instruments, our AccuTrac™ software collects air velocity, air temperature, as well as humidity and altitude (or barometric pressure) data real-time and displays, saves, and reviews without export to another program. The Windows®-based AccuTrac™ transforms your PC into a powerful test and analysis system.

With user-friendliness as a core feature, AccuTrac™ increases measurement visibility, reduces overall testing time, and allows testing of complex scenarios. Users are able to view data on-screen in real-time, or can choose to export and view at a later time. By adjusting sampling rates, users can change resolution and minimize the effects of turbulence to fit the required testing environment. Additionally, the polling interval (interval between readings) can be adjusted to further fine-tune testing scenarios (in minutes or seconds).

With new volumetric calculation tools, users can define duct dimensions, and populate many sensors using drag and drop functionality, in order to conduct volumetric calculations, based on the effective flow area of each named sensor. This is useful for ASHRAE-based volumetric flow calculations. Additionally, the graphing tools will show/log the velocity uniformity with gradient-style mapping.
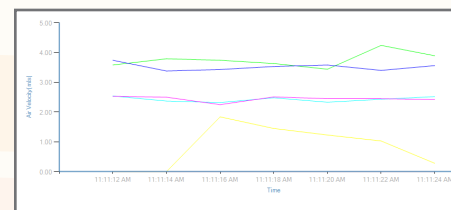
AccuTrac™ software is a subscription-based tool, with initial purchase price based on channel quantity support, and an annual maintenance fee for higher channel count versions. Users can upgrade from lower channel count subscriptions, to higher channel count at any time by contact degreeC. AccuTrac™ subscriptions for 1-4 channel support have no renewal fees.
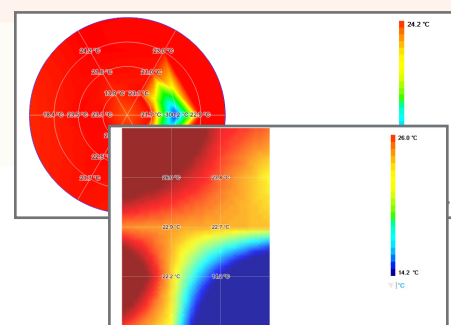
Minimum Software Requirements

Windows® 7, 8, and 10
1.0 GHz Processor
2 GB RAM

Linear Graph

Gradient Graph

°C Port Family of Data Acquisition Instruments and °C SPAR

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NOVA INSTRUMENTS