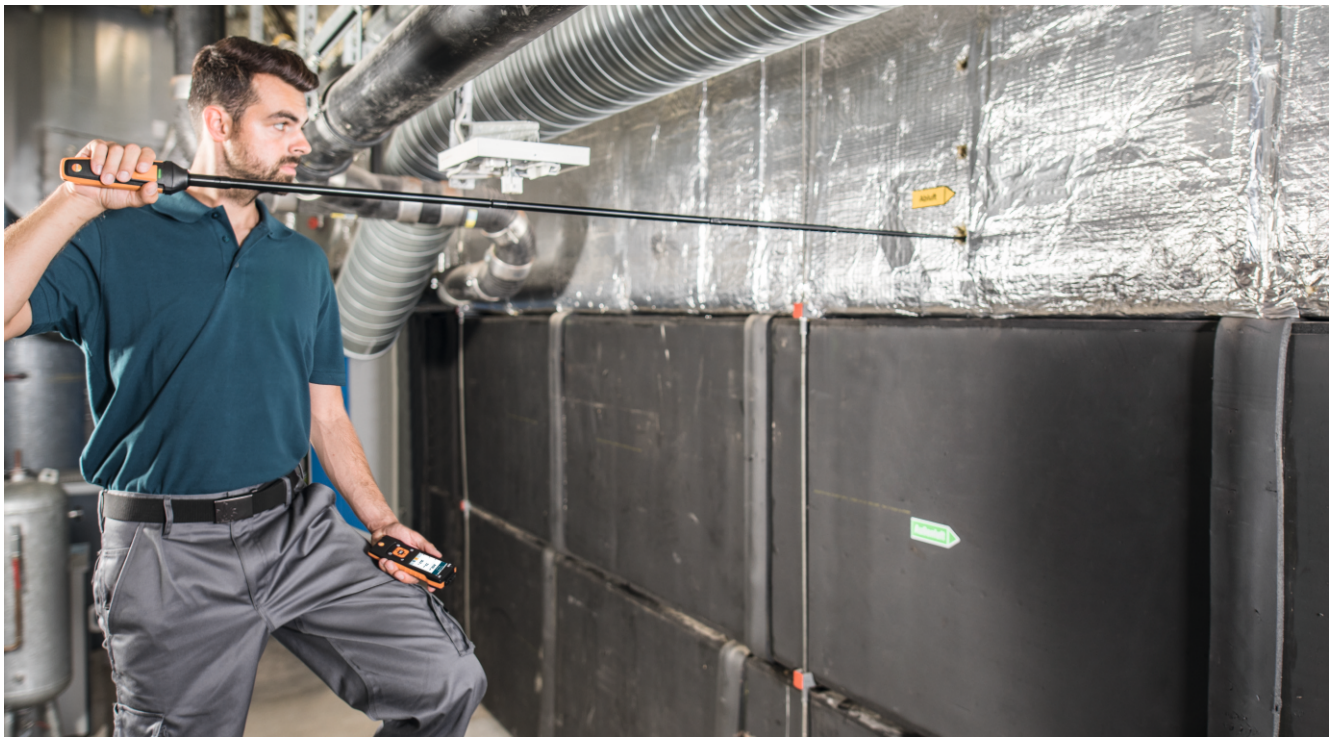
Be sure. testo

testo 440 - for air velocity and IAQ measurement.



Sri Eshwar College of Engineering is an AICTE approved, Anna University affiliated institute in Coimbatore, Chennai. The College is committed to attain rigorous academic study, ideal learning environment and the excitement of discovery with the support and intellectual stimulation. With multiple UG & PG programs and a focus on Entrepreneurship Development Sri Eshwar College of Engineering has an enduring commitment to develop and maintain its courses on par with outstanding premier institutions.

Testo India, for a recent product test campaign associated with Sri Eshwar College of Engineering & received their valuable feedback on the latest Air velocity and IAQ measuring instrument - testo 440. Mr. SIVARASU S.R., a senior professor of the institute was very generous to support us in this test campaign. This instrument was used by him and based upon his operational experience we received his feedback.

Introduction

Being an energy consultant, Mr. SIVARASU has been serving various industries & institutes and is working in multiple application areas of HVAC such as cold air flow measurement in VACR set up, hot & cold air velocity (CFM), temperature measurement, data monitoring in Air handling units etc. He has been a regular user of testing and measuring instruments & uses temperature meters, anemometers, air flow meters, thermal imagers and other VACR instruments of different make, for his day to day work. He for the first time used testo 440 - Air velocity and IAQ measuring instrument and shared his experience.

Major measurement task & application areas

Testo 440 was used in a tea factory audit process. During the measurement procedure, the user mentions that understanding how to operate the instrument is very easy. Even one-time demo will be enough to understand the entire product operation and a product like this would be more beneficial to young practicing engineers. Having said that, he used the testo 440 demo kit to;
I.Measure the temperature, dried air velocity and humidity in the plant.
II.Measure the required parameters in AC system.

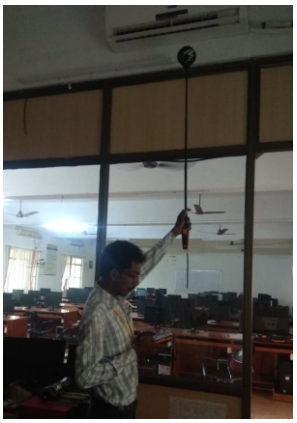
Testo 440 – a beneficial instrument for multiple applications

- The instrument proved out to be an excellent tool for the application & he summarizes the benefits and technical advantages of the instrument as below:
- The instrument is very handy and easy to carry to any place with its compact kit.
- The welcome advantage of the instrument is , it is multipurpose instrument in which onemains unit can be used to measure several parameters such as temperature, Co2 level, lux, differential pressure etc, just by changing the measuring probe.
- Monitoring, Recording and retrieving the data are simple and quick. This will facilitate the user to save time and enhance the audit productivity
- Measuring range of the instrument is modularly increased as this will be an added advantage if the person wants to take measurement in higher range.
- The non-wored (Bluetooth) feature is especially usefull as it improves accessibility for measurement
- It is a recommended product for HVACR applications.

Recommendations

He proposed some insights that would help us to improve the product features and do some value additions. Be it about improvising the pin configuration to make the connections more user friendly or to have temperature probe with varied diameters for different cases such as in the test application of tea dryer.

Testo India thanks Mr. Sivarasu and the entire institute for sharing their valuable feedbacks and support us in our campaign.



Sri Eshwar College of Engineering
Accredited by NAAC with 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

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