

Testo Reference

Bigeta Energy Solutions LLP
Air velocity and IAQ measuring
testo 440



testo 440 - for air velocity and IAQ measurement.



Bigeta Energy Solutions LLP with its head office in Bangalore, Karnataka, focuses on energy efficiency and sustainability & offers services and solutions that can reduce the stress on energy demand. It constitutes a team of BEE accredited energy auditor, BEE certified energy auditor, energy manager, Certified Measurement and Verification Professional (CMVP), ISO 50001 lead auditor, IGBC Accredited Professional (IGBC AP) and power quality professionals working together to give most promising solutions to customers to save energy and improve sustainability. With a rich international experience of project execution in multiple countries, team Bigeta offers

solutions & services that includes energy auditing, electrical power assessment, electrical safety assessment, measurement and verification, thermal imaging and many more.

Testo India, in a recent product test campaign associated with Bigeta Energy Solutions & received their valuable feedback on the latest Air velocity and IAQ measuring instrument - testo 440. This instrument was used by the representatives of the association and based upon their operational experience we received the following feedback.

What is the main measurement task/application that you perform or use any measuring instrument for?

As per the standard requirements, adjusting air conditioning and ventilation systems are the primary application areas. We use instruments for measuring AHU performance and process area air conditioning and carrying out temperature & comfort level measurements.



What kind of measurement technology/instruments you use for the same?

Since most tasks deal with the AHU and supply/return air hence there is a need to monitor the air flow in the system. We use anemometers for the flow measurement, plus there is a continuous need for the monitoring of temperature and humidity in the floor area for which temperature data loggers and hygrometers are used. Another important aspect is the condition monitoring of the area that is closely mapped using the CO2 meter.

What is new in testo 440 that is missing in your currently used instruments?

Testo 440 has extendable telescopic handle. This is very useful and distinguished feature from any of the existing products as it gives an additional advantage in terms of accessibility or reach and saves time. There is no need to use ladders or other measures to take readings at a higher location which decreases difficulty in operation. It also comes with a 90° angle connector for flow measurement which enables the user to take both vertical as well as inside the duct measurements very easily.

How was your experience of using our Testo 440? Do you think testo 440 is exactly right for your application & why?

With testo 440 all air velocity and IAQ parameters can be monitored with just one measuring instrument. Usage experience was good, and it was quite easy to take measurements as the instrument features intuitive operation with clearly structured measurement menus. The non-wired (Bluetooth) feature is especially useful as it improves accessibility for measurement. It is a good tool for building energy audit.

Would you recommend Testo to any of your colleagues/customers

I am using testo products for last 10 years in energy auditing and find them very reliable. Testo instruments serve multiple applications and I surely recommend testo meters for colleagues and customers.



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Subject to change, including technical modifications, without notice.

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