

Testo 350 - Emissions Analyzer

ETA Associates, as part of the full line of Testo emissions analyzers, offers the [Testo 350 Emissions Analyzer](#), a total solution for emission testing and combustion analysis. It is the world's most advanced analyzer and provides compliance level accuracy, extreme testing flexibility, and the highest performance. The Testo 350 is chosen by more professionals for emission testing and process monitoring. Its modular design provides vast opportunities to configure an analyzer system for specific testing requirements.

The Testo 350 can be used to tune rich burn or lean burn engines to maximize efficiency and meet legislated and other requirements for emissions. Some models are capable of tuning both rich and lean burn engines. Other applications include: engine and diesel testing, gas turbine plants, process heaters and boilers, power plants, SCRs and process mining, refineries, cement/lime production, and ceramic and brick manufacture.

Features:

- The most accurate sensors for low range NOx (NO & NO2) and CO (0.1 ppm) or swap out for higher range testing
- Superior sample conditioning proven to be effective, convenient, and vital for accuracy
- Integrated dilution system for extended testing ranges, greater sensor protection and unlimited testing possibilities
- Easy data logging with on-board, user defined, automatic testing programs that can last for minutes or months
- Powerful software options that provide a wealth of information and complete control from your keyboard



New England's Only Factory Authorized Testo Service Center

ETA Associates, through its parent company, Safety Inc, is New England's only factory authorized service center for Testo emissions analyzers.

We can calibrate and repair to factory specifications - at a lower cost and quicker turnaround. You can maintain your warranty by using a factory authorized service center.

Our service department is available Monday through Friday 8:00 am - 5:00 pm. We can provide pre service quotations, telephone support, quick turnaround and traceable calibration gases as required.

Service plans are available for annual, quarterly, or more frequent calibrations. We will schedule service calls and document all calibration work to assist in your record keeping needs.

If you have a product in need of repair or calibration, prior to shipping your instrument, please let us know by:

- calling us at (978) 532 7330
- emailing sales@safetyinc.com
- submit an online request at www.esafetyinc.com

and select the Services link on the top right and then 'Calibration And Repair' for the link to our instrument repair form.

ETA Associates

119 Foster Street, Bldg. # 6

Peabody, MA 01960

Tel: (978) 532-1330

Fax: (978) 532-7325

www.ETAassociates.com



Badger Meter - *Monitoring flow*

Badger Meter Inc. is a leading supplier of flow meters and related equipment. Accurately measuring flow and other instrument data is the first part of obtaining information from an application. Collecting and managing that information is the next part.

Badger Meter's impeller products and water flow sensors are used to measure liquids in a variety of industrial and commercial markets. Additionally, Badger manufactures and markets BTU monitors and transmitters that are compatible with virtually all energy management systems. The Impeller Products division also offers wireless RF flow sensors to the turf and agricultural irrigation markets utilizing its years of expertise in the Automatic Meter Reading market. Data acquisition and data management systems are offered either by direct wire connections or via a wireless mesh network technology.

A range of monitors, transmitters and data acquisition systems to allow for connectivity of multiple meters, monitors, and sensors



Applications for other Badger Meters:

- Irrigation
- HVAC
- Energy management
- Water treatment
- Fire fighting apparatus
- General industrial.



A specific example of their capabilities is the Series 380 BTU Flow Measurement Systems provides a low cost system for metering energy flow in closed-loop hot or chilled water systems. The 380CS/HS can accurately measure liquid flow and temperature differential to compute energy. The 380 makes it possible to meter energy where it hasn't been cost effective before. It can be used to measure and manage energy consumption such as usage of space heating or process hot water, conditioning, or solar hot water systems. This would be especially applicable in apartment buildings, campus/institutional facilities, office parks, shopping centers, shared R&D facilities, and smart buildings



Ametek Land - *Opacity and Dust Concentration Measurement*

The Land Model 4500 MkIII has reset the industry standard on compliance opacity and dust concentration measurement. Combining the unique features of three patented technologies, the 4500 MkIII achieves the highest available specification for the principal performance parameters, as defined by the internationally recognized ASTM Standard D6216. Other compliance standards include: US EPA 40CFR60 Sections 13, 17 and App. B PS-1 and US EPA Proposed 40CFR60 App. F Procedure 3.



The Model 4500 MkIII uses a highly homogenous advanced LED light source and a glass multi-prism retro-reflector to reduce the effects of misalignment on the measured opacity, thereby achieving the lowest possible detection limit. The Flood LED technique eliminates the requirement for continuous moving parts (chopper motors etc). Collectively these features provide the highest level of stability and lowest level of optical and electronic drift available.

Industrial Applications: Boilers, Heaters, Furnaces, Kilns, FCC's, Incinerators, Dust Collectors

ETA Associates

119 Foster Street, Bldg. # 6
Peabody, MA 01960
Tel: (978) 532-1330
Fax: (978) 532-7325