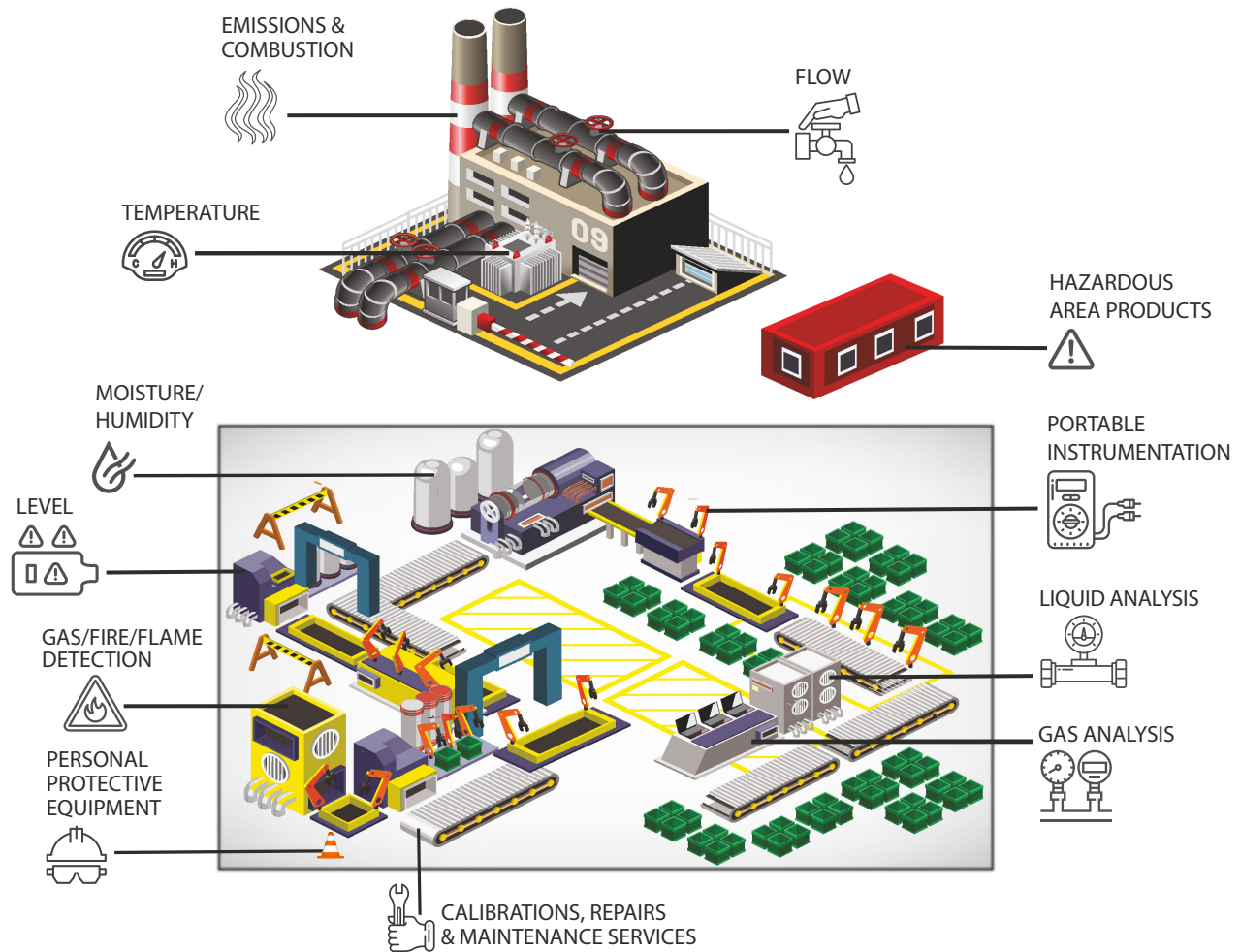




## ETA Process Instrumentation & Martech Controls

*Technical Sales, Service and Support for Process Control and Analytical Instrumentation.*



### What Sets Us Apart:

- **Proven Expertise:** Benefit from over 50 years of experience in delivering reliable solutions.
- **Transparent Performance:** Make informed decisions with side-by-side comparisons of specifications and performance to ensure the best fit for your needs.
- **Strong Partnerships:** Enjoy long-term, collaborative relationships built on trust, as seen in our decades-long partnerships with customers, vendors, and employees.
- **Comprehensive Offerings:** Access a wide range of products, services and tailored solutions across divisions help improve your business's efficiency and safety.
- **Integrity You Can Trust:** Rely on a commitment to honesty, ethics, and delivering on promises, backed by a legacy of family ownership since 1970.



## GAS DETECTION

- Ambient gas detection using patented electrochemical, catalytic, infrared, pid, and ultrasonic sensors
- Refrigerant leak detection systems - cmos or photoacoustic infrared sensors
- Wireless transmitters and systems
- Single point to 1500+ point controllers, with easy configuration and integration and PLC functionality
- Fully integrated, custom systems design, engineering, installation, and on-going service support

## GAS & LIQUID ANALYZERS

- Tunable Diode Laser (TDL) analyzers. Extractive and cross-stack/cross-pipe configurations, low ppm/ppb analysis of 1-3 gases
- Ultraviolet(UV)/Infrared(IR) spectrometer analyzers for chemical composition analysis of inert, reactive/toxic gases/liquids
- Process Mass Spectrometers for fast, ppm/ppb detection of multiple gases
- Fourier Transform Infrared (FTIR) analyzers for ppb detection of up to 50 gases simultaneously. Fixed & portable versions
- Oxygen analyzers for ppm/ppb/ppt detection ranges
- Liquid analytical sensors - dissolved O2, ph/orp, conductivity

## PRESSURE, TEMPERATURE, LEVEL, FLOW, HUMIDITY, DUST

- Flowmeters using electromagnetic, coriolis, ultrasonic, vortex, variable area, thermal dispersion and DP technologies
- Level transmitters using radar, guided radar, ultrasonic, displacer, and pressure level technologies
- Level switches, indicators, and bypass chambers
- Non-contact temperature measurement using pyrometers or thermal imagers
- Portable and in-line hygrometers for humidity and dew point measurement
- Chilled mirror hygrometry for highly accurate humidity measurement
- Quartz Crystal Microbalance (QCM) process moisture analyzers
- Fixed aerosol/dust monitors, can be incorporated into a gas detection system

## INTRINSIC SAFETY AND EXPLOSION PROTECTION

- Hazardous area - 3rd party certified HMI/PC touchscreens/keyboards, signal conditioners, barriers, Isolators, housings, custom assemblies; using intrinsically safe and explosion-proof construction
- Purge Pressurization Systems
- Intrinsically safe and explosion-proof lights, strobes, horns, combination units and multi-light alarm bars
- Nitrogen generators – membrane and pressure swing adsorption
- Sealed feedthroughs for probes, sensors, electrodes, wires and other types of static elements.

## COMBUSTION AND EMISSIONS

- Oxygen/combustibles/methane measurement in combustion flue gases for combustion control, safety, and thermal NOx reduction
- Opacity and dust monitors for combustion efficiency assessment, and environmental pollutant emissions monitoring
- Heated sample lines and sample conditioning systems

## SERVICE / REPAIRS / CALIBRATION GASES – *\*Available onsite or at our calibration lab*

- SERVICES - Portable and fixed gas detection; Respirator maintenance programs - SCBAs, PAPRs, and breather boxes; Level A suit testing – to ASTM F1052 Pressure Test Method; Fall protection equipment inspections – competent person to ASTM Standards; Flowmeter Verification
- CALIBRATION GASES AND REGULATORS - NIST traceable disposable and refillable calibration gas cylinders. Fixed flow, multi-flow, and demand flow regulators, standard, and solvent-resistant tubing for reactive gases

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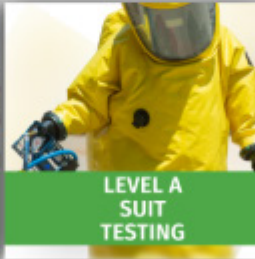
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