



TAILOR-MADE SOLUTIONS TO SUIT YOUR ANALYTICAL NEEDS

- **Gas Analysers for Process and Environmental Monitoring** •
 - **System Integration** •
 - **System Components (Fittings-Valves-Regulators)** •
 - **Gas Detection** •
 - **Portable Analysers** •
 - **LEL and VOC Measurements** •
 - **Ambient Air Monitoring** •

Company Contact Details

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Cidb
Registration No: 151591

Quality Management
Occupational
Health and Safety
Management System
ISO 9001
ISO 45001
www.dekra-seal.com



Products and Services

Elemental Analytics (Pty) Ltd is a company based in Boksburg, South Africa, specializing in process, water and safety analytical applications, comprising of highly qualified and experienced specialists. The Company has 35+ years of system design and building experience and has marketed and maintained instruments in South Africa for the past 20 years.

We sell a wide range of process analysers and detectors and integrate this with a design into a turnkey package which we install, test and commission, gas analytical applications for process control, -optimisation, -safety and environmental applications. With extensive experience doing turnkey projects, we offer a full extended product portfolio which relates to installation of any sample systems.

We place great emphasis on our product enhancement program and remain committed to the search for new technology, now includes CEMS, VOC and LEL measurements and Ambient Air Monitoring. We have a fully functional workshop with repair facilities for both pre-test/commission and repair of our range of analysers and factory trained technicians on all our products.

System Integration, Building and Installation

We have a fully functional design team, with their main focus on up-front design and calculations, assisting with the selection for the correct application, technical clarifications, complete final design and drawings, documentation, in house PLC programming for data capturing and project management during construction phase.

Our systems department consists of pipe fitters with over 35 years' experience in sample system piping and construction according to specification. Factory Acceptance Test (FAT) consists of a complete system being tested, calibration and stability inspection are done before dispatch to site and is accompanied with a complete set of documents.



Service Contracts (FLEXI-CON)

Due to the importance of ensuring the correct functioning of analysers, we offer on-site service contracts, which entails our technicians performing repair and service (maintenance) on analytical equipment installed.

Rental Contracts (FLEXI-HIRE)

Customers have the option of renting or leasing our analysers. This offer is only for analysers and instruments listed below:

- Single and Multi-Personal Gas Detectors
- Portable Oxygen Analysers
- Portable Combustion Efficiency Analysers
- Process O₂ Analyser (Zone 1)
- Portable Moisture Analysers
- Portable CEMS Analysers



Stock Availability

To secure a fast and efficient service, we keep stock of most of the recommended spares of each type of instrument we sell. Stock levels depend on the quantity of instruments in the field. A speedy delivery service from our principals are available, which will be indicated on our quotation.

SHEQ Commitment

Elemental Analytics is proud to be certified on both the ISO 9001:2015 and ISO 45001:2018 International Standards certification. The ISO 45001:2018 certification status one of the 1st in South Africa.

We encourage a culture of excellence to achieve exceptional customer satisfaction and business results.

Our SHEQ Management System is risk-based, comprehensive but flexible and directed towards growth and achieving quality products and services.

A well-defined and maintained Quality Control System is in place for all our sales, service and projects with full asset history traceability.

Documented information consists of the following:

- Complete order and correspondence detail
- QA Plan
- As-Built drawing Schematics
- Layouts
- Pressure test certificates
- Material specifications
- Calibration certificates
- Installation details
- Manuals
- Hand-over certificates

Our SHEQ Management is focussed on safe operations as well as legal compliance. Our site operations are supported by visible leadership and a well-defined and maintained SHEQ file.

SECUNDA/DURBAN OPERATIONS:

We have a dedicated team positioned at Secunda and Durban to provide support for installation of products, systems and technical.

Please visit our website www.e-analytics.co.za for more information or e-mail info@e-analytics.co.za.

VISION

We strive to maintain our sustainability and future for our Employees and Customers.

MISSION STATEMENT

Elemental Analytics' mission is to focus on the following five distinct areas:

- Deliverables with assured quality.
- On time delivery.
- Exceptional after sales service
- Training and development of our Employees.
- Compliance to legal and statutory requirements.



We have exclusive representation, within South Africa and Sub-Saharan Africa, with some of the world's leading analyser manufactures as listed below:

<p>SERVOMEX</p> <ul style="list-style-type: none"> • Process Analysers Paramagnetic Infra-Red Zirconia • Extractive Emissions Analysers • Portable Analysers • Impurity Gas Measurements • Lasers (process – in-situ and extractive) 	<p>TELEDYNE GAS & FLAME</p> <ul style="list-style-type: none"> • Fixed Gas and Flame Detectors • Personal Gas Detection 1-5 Measurements 	<p>CONTROL & INSTRUMENTS</p> <ul style="list-style-type: none"> • LEL & FLV Analysers • FID Analysers ppm VOC Measurement • BTU Analysers 	<p>PROCESS INSIGHTS</p> <ul style="list-style-type: none"> • On-line and Portable Moisture • Wobbe Index / Calorific Valve • Specialised hydrogen measurements • Process GC's
<p>TELEDYNE ANALYTICAL INSTRUMENTS</p> <ul style="list-style-type: none"> • GC Applications • UV Technology • Fuel-cell Applications • FID 	<p>DOPAK LAB SAMPLING</p> <ul style="list-style-type: none"> • Gas, Liquid and Vapour • Manual Sampling Systems • Texas Samplers • HF Samplers 	<p>ANALYTICAL ACCESSORIES FOR SYSTEMS</p> <ul style="list-style-type: none"> • Process – Air Dimensions Pumps • Sample Pumps and Coolers • Headline Filters • Heated Sample Lines/Hoses • Sample Probes • Laser applications 	
<p>CEMS - EXTRACTIVE</p> <ul style="list-style-type: none"> • Dr Födösch Multi measurement analysers Dust & Opacity • Servomex CEMS Analyser 	<p>CRANE FLOW CONTROL</p> <ul style="list-style-type: none"> • Hoke Valves • GO Regulators • Gyrolok Fittings • Pressure Relief Valves 	<p>FCI (FLUID COMPONENTS INTERNATIONAL)</p> <ul style="list-style-type: none"> • Mass Flow Meters • Flow and Level Switches for process and measurement and automation <p>ATAC</p> <ul style="list-style-type: none"> • Online Physical Property Measurements 	
<p>PORTABLE INSTRUMENTS</p> <ul style="list-style-type: none"> • Durable Boiler Optimisation • Portable Flue gas and Emissions • % Oxygen & ppm Oxygen • Portable moisture analyser 		<p>PICARRO</p> <ul style="list-style-type: none"> • Greenhouse Gas and Speciality Gasses • Soil Flux Analysers • Measurements include H₂S, HCl, NH₃, H₂O₂, C₂H₆, HF, C₂H₄O (EtO), H₂CO, CO₂, CO, O₂, CH₄, N₂O, and H₂O 	
<p>JCT</p> <ul style="list-style-type: none"> • Air Pointer Ambient Air Monitoring • MANVIA Steam Equipment Coolers Probes • CEMS Sample System 	<p style="text-align: center;">VALUES</p> <p style="text-align: center;">Honesty Safety Delivery Excellence Responsibility and Innovation</p>		

Elemental Analytics (Pty) Ltd is proud of its reputation for integrity and is committed to maintain ethical behaviour in the conduct of its business activities. Our Code of Business Conduct Policy provides a basis of ethics in business and demonstrates our values. The Policy also incorporates the Partnering Against Crime Initiative (PACI) Framework and is committed to zero-tolerance towards bribery and corruption. Elemental Analytics expects all its Employees to adhere to both the spirit and the letter of the Code of Business Conduct.

