OUR INDUSTRY-LEADING GAS ANALYZER RANGE AND SYSTEMS, MATCHED TO YOUR INDUSTRY REQUIREMENTS

ALL OUR ANALYZERS INCLUDE HUMMINGBIRD SENSING TECHNOLOGY
WINNERS OF THE QUEEN’S AWARD FOR ENTERPRISE
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<th>GAS DETECTION</th>
<th>NH₃</th>
<th>Ar</th>
<th>CO</th>
<th>CO₂</th>
<th>He</th>
<th>C₁-C₆</th>
<th>NMHC</th>
<th>H₂</th>
<th>HCl</th>
<th>HF</th>
<th>H₂S</th>
<th>CH₄</th>
<th>NO</th>
<th>N₂</th>
<th>N₂O</th>
<th>O₂</th>
<th>C₃H₆</th>
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<td>OxyDetect</td>
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</tbody>
</table>
WELCOME TO SERVOMEX

THE WORLD’S LEADING MANUFACTURER OF GAS ANALYZERS AND GAS ANALYSIS SYSTEMS.

Developed and manufactured in our UK and Americas Technical Centers, Servomex analyzers are hand-built to precise requirements. This ensures every product we make provides performance optimized to the needs of each customer process.

Built around the stable, accurate and reliable gas measurements provided by our world-leading Hummingbird sensing technologies, our analyzers incorporate the latest advances in hardware design and software control into resilient designs optimized for hazardous or safe area use.

Once manufactured, our analyzers can integrate into existing systems or be designed into a complete system manufactured to equally high standards in our global network of System Integration facilities.

We build every analyzer to deliver a long lifetime of performance. This ethos is maximized through our global Service offer, which provides a complete support service for your analyzer, from commissioning to regular maintenance.

FIND YOUR PRODUCT NOW

‘HOW TO’ GUIDE

HOW TO USE AND GET THE MOST OUT OF THIS PRODUCT GUIDE

Some analyzers are optimized for single gas measurements while others monitor multiple gas types.

We offer all measurement ranges from percentage to ultra trace parts per trillion analysis.

We identify which application types the analyzer is suitable for operating in.

The Hummingbird sensing technologies used are listed.
# SERVOTOUGH Oxy 1800

## Accurate and Stable Safe Area O₂ Analyzer

Designed to reliably measure percent O₂ in many safety critical industrial applications, the Oxy 1800 is a stable, accurate and highly specific O₂ analyzer for safe area use.

- Internal/external use (IP66/NEMA 4X rated)
- Special version for solvent bearing samples
- Range of alarm outputs aids integration with other systems

### Sensing Technology

<table>
<thead>
<tr>
<th>GAS</th>
<th>MEASURES</th>
<th>APPLICATION</th>
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<tbody>
<tr>
<td>O₂</td>
<td>% PERCENT</td>
<td>PROCESS CONTROL</td>
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</table>

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# SERVOTOUGH Oxy 1900

## Award-Winning Paramagnetic Digital O₂ Analyzer Designed for Hazardous Area Use

Offering an exceptional range of industry-standard options and three unique, ground-breaking functions, the Oxy 1900 O₂ gas analyzer sets new standards of flexibility, stability and reliability from a single, cost-effective unit.

- Can be used in Safe Area to Zone 1/Division 1 hazard rated locations
- Heated sample cell allowing simplified sample system requirements
- Unique Servomex Flowcube flow sensor technology for improved safety

### Sensing Technology

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<thead>
<tr>
<th>GAS</th>
<th>MEASURES</th>
<th>APPLICATION</th>
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</thead>
<tbody>
<tr>
<td>O₂</td>
<td>% PERCENT</td>
<td>PROCESS CONTROL</td>
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# SERVOTOUGH OxyExact 2200

## High Spec Process O₂ Analyzer Offers Safe or Hazardous Area Control with Up to Six Transmitters

The OxyExact 2200 high specification O₂ analyzer offers an unrivaled combination of precision, flexibility and performance for optimum process and safety control. The OxyExact can be configured with a safe or hazardous area control unit with up to six transmitters.

- Zone 1 certified to ATEX Cat 2, IECEx and FM/CSA Class 1 Div1
- Three enclosure systems allows sampling of any flammable gas up to 100% O₂ and pressures of up to 40psi
- High temperature version eliminates the need to condense hot sample prior to analysis

### Sensing Technology

<table>
<thead>
<tr>
<th>GAS</th>
<th>MEASURES</th>
<th>APPLICATION</th>
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</thead>
<tbody>
<tr>
<td>O₂</td>
<td>% PERCENT</td>
<td>PROCESS CONTROL</td>
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</tbody>
</table>
SERVOTOUGH SpectraScan 2400

REVOLUTIONARY INLINE REAL-TIME ANALYSIS OF HYDROCARBON COMPONENTS C1-C6

A real time optical analyzer utilizing the Precisive field proven optical bench, the SpectraScan 2400 delivers a breakthrough capability in the continuous analysis of light hydrocarbons C1-C6.

- North American Cat 1, Div 2
- ATEX Cat 3
- IECEx Zone2
- Tunable band-pass filter enables simultaneous scanning of selected wavelength bands for gases including Methane, Ethane, Propane and iso-Butane
- Unique tunable filter process with IR photometer technology delivers industry-leading interference compensation

GAS MEASURES APPLICATION

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<tr>
<td>CO</td>
<td>%</td>
<td>PROCESS CONTROL</td>
</tr>
<tr>
<td>CO2</td>
<td>CV</td>
<td>QUALITY</td>
</tr>
</tbody>
</table>

SERVOTOUGH SpectraExact 2500

RUGGED PHOTOMETRIC GAS ANALYZER FOR DEMANDING PROCESS APPLICATIONS

Servomex’s iconic industry-leading photometric analyzer delivers flexible single and multi-component gas analysis capability for corrosive, toxic and flammable sample streams. The SpectraExact 2500’s reliable, accurate and stable real-time online process analysis makes it ideal for a range of process, combustion and emissions gas analysis applications.

- ATEX, IECEx and North American hazardous area approvals
- Easy integration with DCS – from 4-20mA to Modbus TCP
- Sample cell and electronics segregated – for easy maintenance and safe operation

GAS MEASURES APPLICATION

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<tbody>
<tr>
<td>TOXIC</td>
<td>%</td>
<td>PROCESS CONTROL</td>
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<tr>
<td>FLAMMABLE</td>
<td>ppm</td>
<td>TRACE</td>
</tr>
<tr>
<td>CORROSIVE</td>
<td>ppm</td>
<td>TRACE</td>
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</table>

SERVOTOUGH FluegasExact 2700

ADVANCED FLUEGAS ANALYZER FOR HIGH-TEMPERATURE MEASUREMENT OF O2 AND COMBUSTIBLES

Designed to measure O2 and COe in flue gases for improved combustion efficiency and reduced emissions, the FluegasExact 2700 gas analyzer is designed to suit the most demanding needs of combustion efficiency applications in the Power Generation and Process Industries.

- ATEX Cat. 3, IECEx Zone 2 & North America Class I, Div. 2
- Unique Flowcube flow sensor technology enables positive flow conditions to be validated
- Sulfur-resistant combustibles sensor enables sensor to operate at elevated sulfur levels

GAS MEASURES APPLICATION

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<tbody>
<tr>
<td>O2</td>
<td>%</td>
<td>COMBUSTION</td>
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<tr>
<td>CO</td>
<td>ppm</td>
<td>TRACE</td>
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Contact Servomex Service Network through your local business center via servomex.com
**SERVOTOUGH LaserSP 2930**

**HIGH-SENSITIVITY CROSS-STACK TDL ANALYZER**
A high performance gas analyzer designed for continuous in-situ monitoring, the LaserSP 2930 delivers a fast response time and highly stable performance. Suitable for measuring a range of gases including HCl, HF, CO₂, H₂O, H₂S, HCN, and other hydrocarbons, the LaserSP is ideal for a wide range of process, combustion control and emissions applications.

- Designed for Zone 1 and Zone 2 hazard rated (gas/dust) locations
- In-situ with no sample conditioning delivers reliable operation
- Wavelength Modulated Spectroscopy provides wide dynamic range and lowest cross interference

**SERVOTOUGH LaserCompact 2940**

**SHORT PATH LENGTH TDL ANALYZER**
Optimized for measurement across pipes and along short measurement cells and able to measure through very thin nozzles, reducing or even eliminating consumption of purge gas, the LaserCompact 2940 delivers the fast response time, highly stable performance and minimum sample conditioning advantages of TDL technology.

- ATEX, IECEx and North American hazardous area approvals. ATEX Cat 3 (Gases) and Cat 2 (Dusts) IECEx Zone 2 and Zone 21. CSA Divisions and Zones (Gas and Dust)
- Line width correction delivers accurate measurement with variations in matrix
- In-situ with low purge gas consumption

**SERVOTOUGH LaserExact 2950**

**EXTRACTIVE TDL TRACE MULTIGAS ANALYZER, DESIGNED FOR MEASURING TRACE GASES OFFLINE**
Specifically designed for extractive trace analysis applications, the LaserExact 2950’s TDL technology offers unsurpassed low ppb detection limits for most gases, making it ideal for the measurement of trace gases offline.

- Zone 2/ Division 2 hazard rated locations and use without purge
- Advanced multipass cell delivers ppb or low ppm detection limits
- Innovative PeakLock pattern recognition line tracking eliminates drift over extended operational periods

---

**APPLICATION**

**MEASURES**

**GAS**

**PERCENT (%)**

**TRACE (ppm)**

**PROCESS CONTROL**

**QUALITY**

**EMISSIONS**

---

**SENSING TECHNOLOGY**

**TUNABLE DIODE LASER**

---

**WE CAN BUILD YOUR ANALYZER INTO A COMPLETE GAS ANALYSIS SYSTEM**
SERVOTOUGH DF-140E

RELIABLE RESULTS IN A TESTING RANGE OF ENVIRONMENTS

The DF-140E allows for reliable oxygen measurement in a wide variety of environments, including outdoors and in explosive environments with a NEMA 7 remote sensor enclosure. Using the revolutionary non-depleting E-Sensor, the DF-140E delivers reliable readings without frequent recalibration and periodic sensor replacement.

- Long-term reliability and stability with minimal maintenance
- Durability – can be used in Class 1, Division 1 or 2 areas
- STAB-EL option allows for accurate measurement in the presence of acid gases

SERVOTOUGH DF-320E

HIGH RELIABILITY TRACE AND PERCENT O₂ MEASUREMENTS IN HAZARDOUS AREA LOCATIONS

Designed for use in harsh and hazardous areas, the DF-320E uses Servomex’s unique, non-depleting Coulometric sensor technology to give highly stable O₂ measurements, making it ideal for applications including hydrogen, propene and polyethylene production, oil refining and petrochemical process monitoring.

- Ideal analytical solution for applications including H₂, C₃H₆ and PE production, oil refining, and petrochemical process monitoring
- Microprocessor-driven for easy configuration and maintenance
- Coulometric sensor delivers accurate results with no sensor drifting, false low readings, or frequent calibration requirements

SERVOTOUGH DF-340E

HIGH SENSITIVITY TRACE/PERCENT COULOMETRIC OXYGEN ANALYZER CERTIFIED FOR HAZARDOUS AREA USE

Designed for heated or external locations, the DF-340E remains stable in changing sample and flow rate conditions, and is designed to provide measurements of trace or percent level oxygen in pure gas streams and multigas backgrounds. It is ideal for upset prone conditions.

- Coulometric sensing ideal for upset prone applications and compensates for sample and flow rate fluctuations
- Suitable for outdoor installation, with NEMA 4-rated sensor enclosure options
- Multiple background gas stream monitoring, with simplified ongoing maintenance requirements
SERVOTOUGH Laser 3 Plus

WORLD-LEADING NH₃ MEASUREMENT, OPTIMIZED FOR AMMONIA SLIP DeNOₓ APPLICATIONS

This TDL analyzer specifically optimized for ammonia slip measurement provides all the benefits of Servomex’s TDL technology in a compact, light unit, offering unparalleled installation flexibility plus cost and performance benefits.

- High measurement reliability utilizing Servomex’s own line lock cuvette technology
- ATEX, IECEx and North American hazardous area approvals
- A compact analyzer specifically optimized for the fast, accurate and responsive measurement of NH₃
- Ideal for slip ammonia application on power plants and fired heaters

SERVOTOUGH Laser 3 Plus Combustion

THE REVOLUTIONARY COMPACT COMBUSTION ANALYZER OPTIMIZED FOR CO, O₂, OR CO + CH₄ MEASUREMENTS

Containing all the benefits of Servomex’s TDL technology in a light, compact unit, with unmatched installation flexibility plus cost and performance benefits, this analyzer is optimized for fast, accurate and responsive measurements in combustion and process control, making it a must for safety applications.

- High safety integrity utilizing Servomex’s own line lock cuvette technology
- Compact size means quick and easy installation by one person with on-board display negating the need for laptop configuration
- ATEX, IECEx and North American hazardous area approvals. Approved for process Zone 2. SIL 2 assessed and CE marked
- Optimized for combustion processes

SERVOTOUGH DF-370E

DUSTPROOF, WATERPROOF, EXPLOSION-PROOF TRACE O₂ MEASUREMENT FOR POLYMER GRADE FEEDSTOCKS AND OTHER HIGH PURITY GASES

Microprocessor-driven for easy configuration and maintenance, the rugged DF-370E is optimized for the accurate measurement of trace and percent level O₂ in hazardous environments, with both the control unit and remote sensor housed in a durable NEMA 7 enclosure.

- Highly stable Coulometric sensor requires annual SPAN calibration only, with no programmed cell replacement needed
- Low detection limit of 10 ppb when operating on 0-1 ppm or lower range
- Suitable for multiple background gases with a single unit

SERVOTOUGH Laser 3 Plus

HAZARDOUS AREA

GAS

MEASURES

APPLICATION

O₂

ppb

ULTRA TRACE

PROCESS CONTROL

OXYGEN

TRACE

QUALITY

NH₃

ppm

TRACING

AMMONIA

DeNOₓ

PROCESS

CONTROL

CO

% PERCENT

COMBUSTION

O₂

ppm

TRACING

OXYGEN

CARBON MONOXIDE

CO+CH₄

CARBON MONOXIDE + METHANE

SENSING TECHNOLOGY

COULOMETRIC

TUNABLE DIODE LASER

SENSING TECHNOLOGY

TUNABLE DIODE LASER

SENSING TECHNOLOGY

TUNABLE DIODE LASER
H2Scan

EXPLOSION-PROOF IN-LINE HYDROGEN PROCESS ANALYZER, USING A SOLID-STATE, NON-CONSUMABLE SENSOR CONFIGURED TO OPERATE IN PROCESS GAS STREAMS

The H2Scan hydrogen process analyzer features thin film technology that provides a direct hydrogen measurement that is not cross-sensitive to other gases.

- UL Class 1, Division 1, Groups B, C, D.
- ATEX & CSA certifications
- Easily configurable alongside SERVOTOUGH SpectraScan 2400
- Simple system integration

Contact Servomex Service Network through your local business center via servomex.com
SERVOPRO MonoExact DF150E

THE NEXT STEP IN THE EVOLUTION OF OXYGEN ANALYZERS FOR INDUSTRIAL GAS APPLICATIONS

With a brand new digital, programmable touchscreen and easier navigation, the MonoExact DF150E combines the reliability of Servomex’s tried and tested Coulometric oxygen sensor with a more user-friendly package.

- Advanced touchscreen GUI for intuitive hands-on setup and operation
- Back-compatible with DF-150E platform, including hardware wiring inputs and gas inlets
- Servomex proprietary software makes reporting and parameter control simple

GAS MEASURES APPLICATION

O2 ppm TRACE PROCESS CONTROL

ppb ULTRA TRACE QUALITY

SERVOPRO MonoExact DF310E

NEXT-GENERATION DIGITAL OXYGEN ANALYZER DESIGNED FOR INDUSTRIAL GAS APPLICATIONS

Designed specifically to accurately measure oxygen in industrial gas applications, the MonoExact DF310E is a next-generation digital oxygen analyzer that combines precision trace-level measurement with new performance benefits and extended digital communications compatibility.

- Advanced touchscreen GUI for intuitive hands-on setup and operation
- Back-compatible with DF-310E platform, including hardware wiring inputs and gas inlets
- Field-proven Servomex Coulometric electrochemical performance and reliability

GAS MEASURES APPLICATION

O2 % PERCENT PROCESS CONTROL

ppm TRACE QUALITY

ppb ULTRA TRACE

SERVOPRO 4100

ANALOG MULTIGAS ANALYZER OFFERING WIDE RANGE OF TRACE AND PERCENT MEASUREMENTS

Offering the capability of measuring CO, CO2, NOx, CH4, O2 at trace levels and CO, CO2, and CH4 at percent levels - as well as an O2 purity measurement - the flexibility of the SERVOPRO 4100 meets a wide range of process control and product qualification needs.

- FDA validated for medical oxygen and nitrogen production. European Pharmacopoeia compliant
- Simultaneous measurement of up to four gas streams
- Independent auto-calibration of all measurements with up to 8 isolated analog outputs and up to 12 relays with follow or freeze option

GAS MEASURES APPLICATION

MULTIPLE % PERCENT PROCESS CONTROL

ppm TRACE QUALITY

GAS FILTER CORRELATION INFRARED

PARAMAGNETIC ZIRCONIA
**SERVOPRO 4200/4210**

GAS ANALYZER SUITABLE FOR FLAMMABLE GAS MIXTURES

The SERVOPRO 4200/4210 multigas analyzer is designed to monitor flammable gas samples including H2/CO, ‘HyCO’ or ‘Syngas’ mixtures for trace level contaminants and percent level components. The 4200/4210 offers oxygen control using Servomex’s unique Paramagnetic cell, trace level measurement of CO, CO₂, NO, and CH₄ and percent levels of CO, CO₂, CH₄ using photometric sensor technology.

- In compliance with Low Voltage, EMC and applicable Directives
- Measures up to four gases simultaneously
- RS232 / RS485 and Modbus communications

**SERVOPRO 4900**

CONTINUOUS EMISSIONS MONITORING (CEMS) ANALYSIS OF MULTIPLE FLUE GAS COMPONENTS

The SERVOPRO 4900 is specifically designed for Continuous Emissions Monitoring, where legislation requires the measurement of several gas components in flue gas. The 4900 offers multigas capability for pollutants, greenhouse gases and reference O₂, including CO, CO₂, NO, SO₂, CH₄, N₂O.

- MCERTS / TÜV approved measurements
- Low maintenance and cost of ownership
- Easy integration with other systems

**SERVOPRO FID**

TRACE HYDROCARBON ANALYZER IDEAL FOR ASU SAFETY AND QUALITY CONTROL APPLICATIONS

A Flame Ionization Detector analyzer designed to assure safe operation for cryogenic air separation plants, the FID ensures the level of Total Hydrocarbons (THC) is maintained below flammable limits, as well as providing quality control in pure O₂, N₂, Ar, Air, He and CO₂.

- Electrical safety to IEC 61010-1. In compliance with Low Voltage, EMC and applicable Directives
- Excellent output resolution over three operating ranges
- Electronic flow controllers for air, fuel & sample for no dependency to atmospheric pressure variations and inlet pressure variation

Contact Servomex Systems through your local business center via servomex.com
ENSURE A FULL LIFETIME OF PERFORMANCE

SERVOPRO Chroma

HIGHLY VERSATILE TRACE GAS ANALYZER PLATFORM CONFIGURABLE TO A WIDE RANGE OF APPLICATIONS

Offering a unique, non-depleting plasma emission detector, the Chroma (K4000) analyzer is one of the most versatile gas analyzers for trace gas measurement available. Most applications will be satisfied by a single 4U rack analyzer configuration, making the Chroma a compact, cost effective solution for continuous process control or quality monitoring.

- PlasmaHC measurement system requires no FID for THC measurement
- Fully automated - tune to the application - system for unique simplicity of use
- Stand-alone systems requires no third-party software or computer to operate

SERVOPRO Plasma

RELIABLE MONITORING OF NITROGEN IN ARGON AND HELIUM, OPTIMIZED FOR ASU PLANT OPERATIONS

Specifically designed for the continuous monitoring of N₂ in Ar or He or both, the Plasma’s unique plasma emission detector provides an accurate, highly stable and reliable measurement ideal for the requirements of ASU plant operators.

- Electrical safety to IEC 61010-1: Ed 3. In compliance with Low Voltage, EMC and applicable Directives
- Wide measurement range - 0-1ppm, 0-10ppm, 0-100ppm (higher on request)
- Electronic flow control system for low flow consumption and reading stability

SERVOPRO MultiExact 5400

DIGITAL MULTIGAS ANALYZER, OPTIMIZED FOR WIDE RANGE OF ASU MEASUREMENTS

Combining industry-leading performance and a range of new and enhanced functions as standard, the MultiExact offers air separation plants a multigas analyzer specifically optimized to industry requirements - with GFx and Paramagnetic measurements now augmented by Servomex’s revolutionary TCD measurement sensing technology.

- IEC 61010-1. European Pharmacopeia compliant. US Pharmacopeia compliant (O₂). In compliance with Low Voltage, EMC and applicable Directives
- TruRef technology offers class leading measurements for Ar, He and N₂
- Options include digital communication options, an integrated valve block function and unique Servomex Flowcube flow sensor technology
SERVOPRO NanoChrome

SUB-PPB TRACE MEASUREMENT OF H₂, CH₄, CO, CO₂, N₂, Ar AND NMHC FOR THE SEMICONDUCTOR INDUSTRY

Incorporating the latest advances in gas sensing technology and signal processing methodology, the NanoChrome revolutionizes ultra-trace purity measurements for the semiconductor industry.

- In compliance with Low Voltage, EMC and applicable Directives
- New PED Sensor technology enables sub-ppb measurements of H₂, CH₄, CO, CO₂, N₂, Ar and NMHC
- Enables unique total Servomex solution for UHP gas analysis

SERVOPRO MonoExact

DIGITAL SINGLE GAS ANALYZER WITH TCD MEASUREMENTS

The MonoExact gas analyzer brings Servomex’s acclaimed TruRef Thermal Conductivity (TCD) technology to ASU operators in a compact, single component analyzer, offering class-leading measurements for Ar, He, N₂ and H₂.

- In compliance with Low Voltage, EMC and applicable Directives
- TruRef offers ASU operators truly industry-leading measurements for drift accuracy, linearity and repeatability
- Cost-of-ownership optimized by longer calibration intervals and no reference gas requirements

GAS DETECTION OxyDetect

NON-DEPLETING PARAMAGNETIC OXYGEN MONITOR DESIGNED FOR LIFE SAFETY APPLICATIONS

Life safety monitor designed for safe area or hazardous area environments, utilizing superior performance of non-depleting Hummingbird Paramagnetic O₂ sensing technology.

- IP66 (indoor use only)
- The most reliable O₂ detector on the market
- No more false readings or false alarms caused by depleting cell technologies
- SIL 2 approval
SERVOFLEX Micro i.s. 5100

**SERVOFLEX MiniMP 5200**

**SERVOFLEX MiniHD 5200**

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**SERVOFLEX**

**Micro i.s. 5100**

**PORTABLES**

**INTRINSICALLY SAFE ANALYZER MEASURES OXYGEN, CARBON MONOXIDE OR CARBON DIOXIDE**

Designed for the measurement of toxic and flammable gas samples, the intrinsically safe Micro i.s. is a unique analyzer certified to Zone 0 and Zone 1 and suitable for measuring percent levels of O₂, CO and CO₂.

- Intrinsically Safe design to ATEX and IEC standards ensures safety operation in hazardous environments
- Ergonomic design ensures easy operation on the move
- Available in non-pump or pump versions with optional sample conditioning kit

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**SERVOFLEX**

**MiniMP 5200**

**PORTABLES**

**BENCHTOP ANALYZER OFFERING SINGLE OR DUAL MEASUREMENTS OF OXYGEN AND CARBON DIOXIDE**

The only truly portable battery powered gas analyzer with MCERTS certification, the MiniMP is designed to offer single or dual measurement of O₂ and CO₂ by utilizing Servomex’s advanced Paramagnetic and Infrared sensing technologies.

- EN15267-3 (MCERTS V3.3, Annex F) makes the MiniMP for source testers that require reference O₂ analysis for CEMS verification
- Li-ion battery system offers unique true portability
- Non-depleting sensor design ensures long service with minimal calibration

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**SERVOFLEX**

**MiniHD 5200**

**PORTABLES**

**PORTABLE GAS ANALYZER FOR MEASUREMENT OF COMMON GAS MIXTURES**

Designed for use in field locations or light industrial applications, the MiniHD portable gas analyzer is a rugged, heavy duty analyzer designed to accurately measure the levels of O₂, CO and CO₂ within common gas mixtures. The MiniHD utilizes Servomex’s non-depleting Paramagnetic and Infrared sensors to give dependable and accurate results.

- Robust IP65 construction meets the demanding needs of field location analysis
- Long life Li-ion rechargeable batteries and range of sampling options ensure ease of use
- Accurate measurement of O₂, CO and CO₂ levels with no background interference

---

**WE CAN BUILD YOUR ANALYZER INTO A COMPLETE GAS ANALYSIS SYSTEM**
DELTA F DF-500 Range

LEADING ULTRA-TRACE PPT O₂ ANALYZER RANGE

Verified by independent experts as measuring O₂ to the lowest ppt levels available, the DF-500 analyzer range delivers the premium performance in ultra-trace oxygen measurement. Consisting of the DF-550E NanoTrace and DF-560E NanoTrace II, the NanoTrace series delivers exceptional O₂ measurements at trace and ultra-trace ppt levels.

- The industry standard for the reliable measurement of oxygen in semiconductor manufacture
- Fast response and quick upset recovery ensures ultimate performance
- Options include flexible configurations and hand carry portable option

DELTA F DF-700 Range

TDL TRACE MOISTURE ANALYZER RANGE

A sophisticated process moisture analyzer range which offers users the comprehensive solution for trace and ultra-trace moisture measurement, the DF-700 series combines the latest Tunable Diode Laser Absorption Spectroscopy (TDL) technology, a robust measuring cell and a true baseline reference for highly accurate moisture measurement.

- Exceptional sub-ppb moisture level readings which exceed current UHP moisture measurement requirements
- Models include DF-730 (moisture in HCl); DF-740 (moisture in ammonia); DF-745 (high sensitivity 2ppb LDL); DF-745 SGMx (specialty gas trace moisture analyzers); DF-750 NanoTrace (base model); DF-760 dual oxygen and moisture measurement
- 2F TDL detection technology for robustness to particulates contamination

Contact Servomex Systems through your local business center via servomex.com
WE’RE READY TO HELP
WHATEVER YOUR GAS ANALYSIS REQUIREMENTS, WHEREVER YOU ARE