

People for Process Automation



Sensors & Analytical Measurement Systems for Liquid Analysis

Your Product. Your Color. Your Name.

Professionally customized solutions
for liquid analytical OEM applications.



Tel: 505-550-6501

Fax: 505-814-5778

Email: sales@agstech.net

Web: www.agstech.net

**PRIVATE LABEL OPTION
OEM OPTION**

**We can put your company
name, brand....on these**

You want it Your Way

Don't aim for anything less!

You are looking for an OEM supplier who has the capability to provide solutions ranging from a single custom component to an entire analytical product portfolio with your name and logo. You want quality, competent consultation and project planning to result in a product that fits your OEM business requirements.

Using a single source supplier with an unequalled breadth of instruments, sensors and accessories is the key to reducing complexity and costs and maximizing market opportunities.

Your Product. Your Color. Your Name.

Why promote someone else's product when you can supply your customer a solution with your name?

Whether it be an electrode, a sensor, a cable, an instrument or a holder: it can be private labeled and packaged to your specifications.

Laser engraving, pin stamping or pad printing makes marking on glass, plastic and stainless steel all possible. Our capabilities also include customized cable labels, product serialization and bar-coding.

Making a Commitment

As a supply chain partner we connect our customers to tailor-made products utilizing flexible manufacturing concepts, engineering and logistics.

Commitment means more than supplying the right products. Creating long-term partnerships evolving from the creativity, innate strengths and independent knowledge of each organization is our goal. Our design team will partner with you from initial consultation to project fulfillment and beyond.

The end result is mutual success built on cooperation, confidentiality and trust.

Quality you can count on

As an ISO 9001:2000 certified organization this plant provides consistent high quality with a focus on continuous improvement to all operations. Our highly productive manufacturing processes reduce variability to ensure each product we ship performs to its design specifications.



Our Company Philosophy

High Manufacturing Depth and Technology

The continuous build-up of core technologies, their transformation into high-quality production sequences and permanent automation are cornerstones of the company philosophy.

To our customers this means to have a resource partner with excellent specialized knowledge, creating cost effective products and solutions.



Isfet Production

Experience creates Innovation

Dedication to innovation is reflected in the quality of all the products and services we provide. Many of our technologies are first in the marketplace, enabling us to be the benchmark with creative solutions introduced into a wide range of applications.



Memosens Technology

Our Competence in Liquid Analysis

The plant has more than 50 years of experience in process automation and instrumentation.

Our customers can rely on a wide range of instruments, services, systems and solutions for use across the process industry.

The Group has production facilities around the world with key competencies in level, pressure, flow, liquid analysis, temperature, data management and solutions.

The manufacturing plant has been an expert for analytical measurement and sensors in the environmental and process industries for almost 40 years.

Their manufacturing facilities are in Germany (Waldheim, Gross-Umstadt and the headquarters in Gerlingen), in Suzhou, China as well as in Anaheim, USA.



Anaheim, CA, USA



Waldheim, Germany



Gerlingen, Germany



Souzhou, China

OEM Sensor Technology – The right choice for your application

You can choose from sensors for a variety of measurement parameters within our core competence of electro-chemical and optical technologies. From these technologies we offer customized solutions for both general purpose as well as more sophisticated measuring tasks. Flexible manufacturing concepts enable us to produce all variants from prototypes to series production.

Whether you need to measure pH value, redox potential, color, conductivity, chlorine, dissolved oxygen, turbidity or absorbance factors:

We have the best fitting solution.



pH, ORP and ion-selective Sensors

A wide range of pH, ORP and ion-selective sensors is available to meet just about any application and price range. Standard and custom designs are available for continuous process measurements, laboratory or field use. Cornerstone technologies include:

- Porous Teflon™, ceramic or open aperture junctions
- Plunger electrode for any angle orientation
- ISFET non-glass measuring electrode
- Glass, stainless steel or molded outer bodies
- Automated glass membrane fabrication
- Memosens – digital sensor technology





Conductivity Sensors

The conductivity sensor offering covers applications ranging from ultrapure water to percent concentrations of acids, bases and salts. Choose from a wide variety of cell constants, wetted materials and process connections.

- Contacting and inductive designs
- 2 and 4-cell type electrodes
- Stand alone or with modular flow cell



Dissolved Oxygen Sensors

Primary applications include municipal sewage treatment, industrial plant effluent, fish farming and surface water monitoring. Steam sterilizable/autoclavable types are available for fermentation and cell culture applications.

- Both 2-electrode and 3-electrode types
- Membrane covered amperometric and galvanic sensors
- Optical - fluorescence quenching principle



Chlorine & Chlorine Dioxide Sensors

Drinking, industrial and pool water must be disinfected with suitable oxidizing agents such as chlorine or chlorine compounds. The required oxidizing agents must be immediately dosed and monitored according to operating conditions. Our chlorine and chlorine dioxide sensors are especially designed for these applications.

- Residual (free) Chlorine
- Chlorine-Dioxide
- Standard and trace measuring ranges
- Multi-parameter flow cell





Turbidity/Suspended Solids Sensors

The ability to measure undissolved particles in a process sample; in other words to measure the clarity of a liquid. Turbidity and solids measurements are performed either by scattered light or absorption.

- 90° scattered light according to ISO 7027 / EN 27027
- Forward scatter
- Single beam absorption
- Immersion, flow-through and retractable assemblies



Optical Sensors

Our in-line process photometers are considered the industry standard in a variety of applications: chromatography control, filter monitoring, cell growth control, centrifuge control, protein concentration and biomass concentration.

- Transmission and absorbance
- Cell growth
- Color
- Bubble and solids detection



Housings and Flow-Assemblies

You can select from many housing styles to fit your application, including: fixed tank mount, immersion, flow through and auto retractable with self-cleaning features.

- Sanitary designs
- Optional wiper system
- Optional bubble trap



OEM System Solutions

Our sensor technologies are complemented with a variety of transmitter options, cable selections, housings and flow assemblies to complete your OEM systems solution.



Transmitters

Field mount or panel mount transmitters are available for your requirements with a variety of software features, alarm relays, process control, and cleaning outputs. Call our technical experts within your region to decide which model is right for you.

- Wall, panel, field mount
- NEMA 4X
- 1/4 and 1/2 DIN



Cables

We provide a variety of cables and connector options. Choose between fixed and detachable cable designs. The TOP68 connector is rated IP68 and is fully submersible. The Memosens connection eliminates moisture problems and provides safe and reliable digital communication.

- Coax and multi-conductor functionality
- With integrated or external solution ground
- Detachable types to reduce wiring labor



Calibration and Maintenance Solutions

Each sensor and system can be commissioned and maintained using our calibration buffers, reagents and standards. We make our solutions using the most advanced formulas which are NIST traceable. Maintenance kits are also available to extend the service life and reduce the overall cost of ownership.

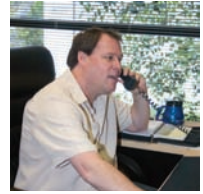


Anything for You

The manufacturing plant serves a wide variety of industries, including chemical processing, water, wastewater, environmental, pool and spa, microelectronic, biotech, pharmaceutical, laboratory, and food and beverage industries.

Our OEM products and services range from customized sensors, assemblies and components through to an entire analytical product portfolio. Of course we also offer an assortment of standard products for your applications.

For us competent consultation, engineering, planning and implementation means to work in close relationship with you every step of the way to deliver solutions meeting the needs of the OEM marketplace.



Measurement parameters include:

pH/ORP
Specific-Ions
Conductivity
Dissolved Oxygen
Turbidity/Suspended Solids
Chlorine/ Chlorine Dioxide
Absorbance/Cell Growth
Ultraviolet
Color
Bubble Detection

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