

20.08.2018 | Water Analysis Press Release

**The device series for water analysis of Greisinger.**

## **Refreshingly good.**

**When you need to determine the quality of water directly on site, the Center of Competence Greisinger of GHM GROUP offers an interesting range of electrochemical handheld measuring devices for professional use. The high quality and low prices are major factors behind the success of the range of devices.**

Water is the element of life. Therefore, it should come as no surprise that no other element is studied nearly as much. After all, only an exact analysis provides assurance as to which standards this water meets. While more complex wet chemical processes in the laboratory previously shed light on the condition of the water, measuring methods with electrochemical sensors are now used to analyse water directly on site.

### **Efficient handheld measuring devices – smooth operators.**

Highly sensitive sensors are now capable of measuring all common parameters quickly, precisely and reproducibly. With the G 1000, GMH 3000, GMH 5000 and G 7500 series of handheld devices, the Center of Competence Greisinger offers an interesting product range for professional water analysis. The devices are used primarily in industrial production processes for the handling of process fluids, in water preparation, in the food industry and for industrial humidification processes, such as in painting lines.

An additional area of application is environmental measurements. Measurement in critical waterways of various depths is particularly important. Moreover, use in hospitals, general laboratory operation and sewage treatment plants is also relevant.

The range of devices is of particular interest to customers in the municipal sector, because they are still in a price segment which permits acquisition without complex tendering processes.

Designed as a pH-meter, as an instrument for determining oxygen content or conductivity, the G 1000 series deliver measuring results that meet the highest professional standards. Low-maintenance sensors, simple operation in combination with an attractive price also open the G 1000 series up to the consumer market.

### **Sensitive technology in a robust package.**

Those looking for something a bit sturdier for their applications are well-served with the GMH 3000 series. With a robust housing and professional functional scope, the devices are designed for measurements under the most extreme conditions and are very flexible in use.

*'Our wide assortment of devices gives everyone the opportunity to evaluate the valuable resource of water and to handle it sustainably.'*

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*Jürgen Brass, Product Manager in the Center of Competence Greisinger of GHM GROUP*

The GMH 5000 series combines the properties of the aforementioned series in a float design for reliable field measuring devices which are impervious to weather influences, dust, dirt and darkness.

While these model ranges are still designed as single-parameter measuring devices, the G 7500 is a multichannel measuring instrument. If, for example, simultaneous detection of the pH value and the oxygen content is required in waste water monitoring, the multitasking combination unit detects both measured values simultaneously. The expanded memory volume of the data logger also allows recording of large amounts of data and is as easy to operate as a USB stick.

### **Sensitive: a large selection of sensors.**

What all of the devices have in common: Uniform sensor connections are installed. This guarantees freedom in selecting sensors and keeps system costs under control. There are fully integrated device sets with a variety of universal sensors available. In the process, the same high-quality technology with power-saving precision measuring inputs is always installed in the different variants. The models for pH/ Redox measurement, for determining conductivity and for analysis of oxygen concentration are also available in various functional versions. Data loggers and interfaces for measurement detection on the PC or the evaluation of data loggers of the GMH 3000 and GMH 5000 series with the GSOFT3050 are available. An additional detail: The interface adapters for USB are galvanically isolated. This minimizes, for example, widespread practical problems in measurement in earthed tanks.

In addition to the handheld measuring devices, proven accessories, such as calibration and cleaning solutions, spare electrodes, etc., are offered for mobile measurement detection. In the process, affordable operating devices with outstanding usability are available to choose from.

### **At Greisinger, good service is a question of attitude.**

The devices can be sent in for retroactive calibration and calibrated and adjusted to various standards. The spectrum extends from the high-quality factory calibration to calibration by an in-house laboratory accredited according to DIN EN ISO 17255 – a service for traceability that serves as a basis for usability in ISO-certified production processes.

### **Water analysis cut and dried.**

With the handheld measuring devices, the Center of Competence Greisinger offers a broadly diversified series for water analysis with which everyone from the beginner to the professional user will find their ideal measuring instrument. The robust handheld devices can be configured for every application from a large offering of special device features, equipment variants and measuring sensors. Not lastly, with the standard connections which enable the devices access to a large selection of measuring sensors, the handheld measuring devices of Greisinger become solid and reliable companions in professional water analysis. Learn more about the devices by visiting [www.ghm-messtechnik.de/en/wateranalysis](http://www.ghm-messtechnik.de/en/wateranalysis)

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GHM Messtechnik GmbH is a pioneering specialist and complete provider for innovative measuring and regulation technology. With more than 330 employees in 15 locations worldwide, the company develops and produces a wide assortment of more than 2 000 high-quality device types for all significant areas of industrial sensors and electronics.

From the fusion of the Greisinger, Honsberg, Martens, Imtron, Delta OHM and Val.co companies, the GHM GROUP still considers itself a tradition-oriented company. With an eye on the vision of the founders, the company continues in its consistent efforts to permanently advance measuring and regulation technology with innovative developments and application-specific solutions with high customer value.

The central focus is the bundling of technological expertise for development of customer-oriented solutions that are appropriate for the market and tailored to the high demands of industry and producing industry. In addition to long-term expertise and state-of-the-art production methods, the GHM GROUP offers competent application consultation and comprehensive customer service, high flexibility even for small part quantities, quick device adaptations and short delivery times. This is all offered at an outstanding price-performance ratio.

**Publication free of charge.**

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