

From zero to 2 million

In 40 years, Endress+Hauser has become market leader in electromagnetic flow measuring technology

Since 1977, Endress+Hauser has produced over two million electromagnetic flowmeters. That is more than any other manufacturer. “This magic number stands for high-quality measuring technology and, above all, satisfied customers in all kinds of industries,” says Bernd-Josef Schäfer, Managing Director of Endress+Hauser Flowtec AG, the center of competence for flow measuring technology.

The company’s success story as a manufacturer of electromagnetic flowmeters began in the middle of the 1970s. In order to enter the water and wastewater market which was emerging at that time, Endress+Hauser purchased the company Flowtec in Bern in 1977 and moved it to a new location in Reinach (Basel-Landschaft, Switzerland). This is where Endress+Hauser started to produce flowmeters with just three employees in former military barracks.

Work was done on an on-demand basis. “Whereas today,” says Bernd-Josef Schäfer, “our production spans six sites around the globe – in Switzerland, France, the USA, China, India, and Brazil – and boasts state-of-the-art logistics. This infrastructure is what has enabled us to produce two million electromagnetic flowmeters to date in accordance with required quality standards.”

To put this into context: These two million electromagnetic flowmeters could measure a volume corresponding to four times the flow rate of the Amazon. Each production site also features precise calibration facilities which are regularly checked by national accreditation bodies and which guarantee consistently high measuring quality for each individual device.

Constant innovation guarantees customer satisfaction

The company’s success, which spans almost 40 years, is due to many factors. In particular, its inventive talent has enabled Endress+Hauser to keep offering its customers new, groundbreaking devices capable of measuring all kinds of fluids, such as water, milk, acids, alkalis, or ore slurry, with the greatest accuracy.

With clever innovations such as the precision measurement of difficult fluids (Autozero, 1981), microprocessor control (Variomag, 1984), two-wire technology (Eximag, 1987), or the operating matrix (Tecmag, 1990), Endress+Hauser has always managed to stay one step ahead of the competition.

In 1993, all of these device variants were brought together to form a single product family under the name of “Proline”. Alongside this family, however, Endress+Hauser also produces flowmeters for very particular applications – for example, filling bottles at one-second intervals.

Looking to the future with Proline

Since 1993, the Proline device family has undergone constant development to ensure that it meets the prevailing requirements in a wide range of industries. Following the second generation launched in

2000, the third and most recent Proline generation (2012) offers a multitude of unique functions and device properties.

This means that system operators will not only be able to retrieve measurement and diagnostic data via display, WLAN, web server, or fieldbus, but will also be able to monitor the process comprehensively and, if necessary, check the functioning of a flowmeter during operation.

Bernd-Josef Schäfer sees the future of Endress+Hauser optimistically: “Innovations such as these enable us to align our product portfolio consistently with the needs of every industry. We are looking ahead to our three-millionth electromagnetic flowmeter with great confidence.”



EH_MID_01.jpg

Endress+Hauser produced its first electromagnetic flowmeters in former military barracks (1977).



EH_MID_02.jpg

Just five years later (1982), measuring devices were being assembled in what were then state-of-the-art production sites.



EH_MID_03.jpg

The first large-scale electromagnetic flowmeter project for Endress+Hauser: flowmeters (DN 800 to 2000) for the drinking water supply in the city of Algiers in North Africa (1985).



EH_MID_04.jpg

Today, Endress+Hauser's production boasts state-of-the-art logistics and spans six sites around the globe in Switzerland, France, the USA, China, India, and Brazil.



EH_MID_05.jpg

The world's most advanced calibration facilities guarantee consistently high measuring quality for Endress+Hauser flowmeters.

The Endress+Hauser Group

Endress+Hauser is a global leader in measurement instrumentation, services and solutions for industrial process engineering. The Group employs 13,000 personnel across the globe, generating net sales of more than 2.1 billion euros in 2015.

Structure

With dedicated sales centers and a strong network of partners, Endress+Hauser guarantees competent worldwide support. Our production centers in 12 countries meet customers' needs and requirements quickly and effectively. The Group is managed and coordinated by a holding company in Reinach, Switzerland. As a successful family-owned business, Endress+Hauser is set for continued independence and self-reliance.

Products

Endress+Hauser provides sensors, instruments, systems and services for level, flow, pressure and temperature measurement as well as analytics and data acquisition. The company supports customers with automation engineering, logistics and IT services and solutions. Our products set standards in quality and technology.

Industries

We work closely with the chemical, petrochemical, food & beverage, oil & gas, water & wastewater, power & energy, life science, primaries & metal, renewable energies, pulp & paper and shipbuilding industries. Endress+Hauser supports its customers in optimizing their processes in terms of reliability, safety, economic efficiency and environmental impact.

History

Founded in 1953 by Georg H Endress and Ludwig Hauser, Endress+Hauser has been solely owned by the Endress family since 1975. The Group has developed from a specialist in level measurement to a provider of complete solutions for industrial measuring technology and automation, with constant expansion into new territories and markets.

For further information, please visit www.press.endress.com or www.endress.com

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