# **Endress+Hauser**

Endress+Hauser



People for Process Automation

<u>Type</u> Private

**Industry** Instrumentation, Process

Automation

Founded 1953; 67 years ago

**Headquarters** Reinach, Switzerland.

Area served Worldwide

Georg H. Endress

(Co-Founder of Endress+Hauser)

Key people <u>Ludwig Hauser</u>

(Co-Founder of Endress+Hauser)

**Matthias Altendorf** 

(CEO, Endress+Hauser AG)

**Products** Instrumentation

**Revenue** 2.455 billion Euro<sup>[1]</sup>

Net income 232.5 million Euro<sup>[1]</sup>

**Number of** 

employees 13.927 (end of 2018)

Website endress.com

Footnotes / references

Swiss-based **Endress+Hauser** (Endress and Hauser) is a globally operating process and laboratory <u>instrumentation</u> and <u>automation</u> supplier. In 2018, the family-owned company generated net sales of  $\in$ 2.455 billion, recorded a net income of  $\in$ 232.2 million and employed 13,928 staff worldwide.

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#### **Company structure**

The group comprises 134 companies in 48 countries. The group's parent company is Endress+Hauser AG in Reinach, Switzerland: a stock corporation under Swiss law whose shares are not listed on a stock exchange. Shareholders are the families of the eight children of company founder Georg H Endress, each holding 12 percent. An additional 4 percent has been placed in the non-profit Georg H Endress Foundation.

Today, Endress+Hauser provides sales and support in 125 countries and manufactures in the major economic regions. [8] [9] The company operates production facilities in <u>Brazil</u>, Germany, the United States, China, France, India, the <u>Czech Republic</u>, Italy, Japan, <u>Singapore</u>, the United Kingdom, <u>Switzerland</u> and <u>South Africa</u>. [10]

### Products, services, customers

Endress+Hauser's offering for process automation includes products, solutions and services for level, flow, pressure and temperature measurement; liquid, solids and gas analysis; data acquisition and system integration. [11] [12] Under the Analytik Jena brand, the group markets analytical instruments and bioanalytical systems for laboratories. [13]

Commercial customers mainly operate in the food & beverage, chemical, life sciences, oil & gas, water & wastewater, power & energy and primaries & metals industries. In the laboratory business the group also serves customers from healthcare and academia. [14]

#### History

The company was founded as L Hauser KG on 1 February 1953 by Swiss engineer Georg H Endress (1924–2008) and German banker Ludwig Hauser (1895–1975). Starting capital was a modest 2,000 deutschmarks; the first 'operating facility' was a room in Hauser's apartment in Lörrach, Germany. The business has traded under the name Endress+Hauser since 1957. [15]

In the beginning, the company sold innovative level instruments produced by the British company Fielden Electronics. Soon after, Georg H Endress started to develop his own devices. In 1955, he registered his first patent and set up a production facility. [16]



An Endress+Hauser electromagnetic <u>flow meter</u> at the <u>Tetley's Brewery</u> in <u>Leeds</u>, <u>West Yorkshire</u>.

The company expanded the portfolio by adding new measurement principles and pursued business opportunities in other countries. The first foreign subsidiary was established in 1960 in the Netherlands. [17] In 1968, a holding company was registered in Switzerland. In 1970, Endress+Hauser entered the US and Japanese markets. ref>"Endress+Hauser celebrates its anniversary". Retrieved 2019-07-11.</ref>

In 1975, co-founder Ludwig Hauser died; the Endress family became sole <a href="mailto:shareholder.ref">shareholder.ref</a>"Endress+Hauser celebrates its anniversary". Retrieved 2019-07-11.</ref> In the following years, the company expanded its offering through acquisitions and start-ups.

Measurement value recording, liquid analysis and flow measurement engineering were added as new fields of activity, followed later by <a href="mailto:pressure">pressure</a> and <a href="mailto:temperature">temperature</a> measurement technologies. [18]

Klaus Endress, the second-eldest son of the company founder, took over as the group's CEO in 1995. By that time, Endress+Hauser had grown into a global company with 4,339 employees and net sales of 679.6 million Swiss francs. Over the following two decades, Klaus Endress expanded the business beyond process instrumentation into services and automation solutions and strengthened the international sales and production network. [19]

In 2005, Endress+Hauser acquired Innovative Sensor Technology IST AG, a Swiss-based provider of physical, chemical and biological sensors with operations in <a href="Ebnat-Kappel">Ebnat-Kappel</a>, Switzerland, and Roznov, Czech Republic.

In 2008, Georg H Endress died. The shareholder family had created a family charter while the company founder was still alive. It states "Endress+Hauser shall remain a family company oriented toward sustainable success." ref>"Endress+Hauser celebrates its anniversary".

Retrieved 2019-07-11.</ref>

In 2013, Endress+Hauser entered the <u>laboratory</u> instrumentation business with the acquisition of German company Analytik Jena AG. Additional takeovers (SpectraSensors Inc., Kaiser Optical Systems Inc., SensAction AG, Blue Ocean Nova AG) strengthened the segment of process analysis and measurement of quality parameters. Besides this strategic focal point, the issue of digitalization was another major factor of influence in company development. [20]

On 1 January 2014, <u>Matthias Altendorf</u> took over as <u>CEO</u> of the Endress+Hauser Group from <u>Klaus Endress</u>, who became president of the Supervisory Board. At that time the company generated net sales of €1.814 billion and employed 11,919 staff worldwide. Although not a member of the family, the new CEO has been with the company for more than 25 years. He promotes digitalization and applications for the Industrial Internet of Things and wants to further develop the offering in the field of laboratory and process analysis. [22]