# Close to you

Local support and manufacturing







## Your complete process automation solution

An ever growing network of support – there when you need it

Endress+Hauser first began operations in the U.S. in 1970. Here, we manufacture flow, level, pressure, temperature and analytical products, and have a complete network of Sales and Service locations to support your products wherever they are installed. To support your project needs, we have engineering and project management services available to you. Let us be your complete process automation solution.

#### **®**

Learn more about Endress+Hauser in the U.S. www.us.endress.com

#### **Product offering:**

- Level
- Flow
- Pressure
- Temperature
- Liquid Analysis
- Recorders and Components
- Services
- Solutions



### Manufacturing in the U.S.

90% of all instruments ordered and shipped within the U.S. are manufactured in the U.S.

Endress+Hauser invests an average of 10% of its annual revenue in its infrastructure. Our manufacturing capabilities continue to expand to support our customers' needs.

Most instruments ordered and shipped within the U.S. are manufactured in the U.S. What does this mean for you? When you are experiencing downtime in production because you need a new product, we will be there to get you back up and running – quickly.

When a device fails, we understand that every minute your production is down is costing you money and that standard delivery times may not be sufficient. That is why we offer you a select group of standard products that will ship within 48 hours of order time – at times shipping to you the same day.

We also provide you with around the clock service support through our telephone help line and online technical support.



Learn more about our U.S. manufacturing www.us.endress.com/usmanufacturing





Endress+Hauser has several PTU™ Process Instrumentation Training facilities located throughout the U.S. designed for your convenience

#### **Process Training University**

Helping you keep up with today's challenges through a complete training experience on-site, on-line and in the classroom

The demand for higher productivity in the process control industry isn't changing. You are faced with an experienced workforce of operators and technicians that will be retiring in the coming years. This means you will need to train the next generation of employees.

That's why we have taken 60 years of our experience and applied that to a training that helps your employees get hands-on experience and the knowledge they need.

Endress+Hauser offers everything from on-line tutorials to our premium training at PTUs.

PTUs are full scale, working process skids with online instrumentation and controls. You gain hands-on experience with the types of operation, diagnostics and troubleshooting found in real-life process plants. These fully functional "mini process plants" feature Endress+Hauser instruments integrated with Rockwell Automation's PlantPAx process automation system. The Rockwell Automation PlantPAx system controls the PTU™ by actuating control valves and adjusting speed of pump drives.

This is designed with the purpose of educating your field technicians and engineers by providing real-life simulations. You learn the application, installation, operation and diagnostic procedures related to many types of process instrumentation and control processes. Various communication protocols are also demonstrated including: EtherNet/IP™, HART®, PROFIBUS® PA, and FOUNDATION™ fieldbus.

Find a map of current and future PTU<sup>TM</sup> locations on the back of this document

Learn more about training opportunites: www.us.endress.com/training

# Accurate, mobile and flexible calibration management

The only process instrument manufacturer with the ability to provide you with both lab and field accredited calibrations



A worker hoists an electromagnetic flowmeter into position to be factory calibrated on the ISO 17025 certified calibration rig

To effectively meet your needs, we have invested into our calibration facilities in the United States. We have carried out more than one million calibrations at our calibration laboratory facilities and on-site calibration rigs. Not only do we have the flexibility to calibrate our own instruments, we can also calibrate other vendors' products.



Our ISO 17025 certified calibration rig in La Porte, TX. Endress+Hauser is the only process instrument manufacturer with the ability to provide both lab and field accredited calibrations

We know accuracy in measuring is crucial when dealing with expensive fluids. This is why Endress+Hauser has developed the world's most accurate production calibration facility. Through the "PremiumCal" calibration, Coriolis mass flowmeters can be calibrated to an accuracy of  $\pm 0.05\%$  on fully traceable production calibration rigs (ISO 17025). This is equivalent to the contents of a single champagne glass per one thousand liters of water. In addition, our Gulf Coast Calibration and Service Center, located near Houston, Texas, is also one of the most accurate flow calibration laboratories in the U.S., performing calibrations in compliance with ISO 17025 and A2LA accreditation.



For fast turnaround to keep you running, we can bring the calibration rig to you for on-site calibration

When you need fast turnaround to keep your production up and running, we offer on-site calibration. Our mobile trailers with portable flow rigs are stationed close to you, whenever you need us.

#### Peace of mind

#### A smooth process saving you time and money

Quick startup of your device is critical to your process. To meet your specific requirements, our startup services can be customized to meet your needs. Startup times are short and performed by an experienced service staff. Your device performance is guaranteed from the date of startup. Advice and documentation is provided to you at the time of startup.

Your instruments are vital to the safe operation of your processes and the quality of the product that you produce. We don't just turn on your instruments and walk away, Endress+Hauser is here to provide you with 24-hour, 365 days a year of support. Through our telephone help line we can offer you immediate assistance provided by in-house technical support specialists.

Endress+Hauser service technician works on the startup of an electromagnetic flowmeter to optimize your instrument's performance

Endress+Hauser's 24-hour help line is there to provide you immediate support when you need it









www. addresses. endress. com

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