INCREASE YOUR OPERATIONAL SAFETY AND EFFICIENCY WITH THE MICRO MOTION 57000 TRANSMITTER
INCREASE YOUR OPERATIONAL SAFETY AND EFFICIENCY WITH THE MICRO MOTION 5700 TRANSMITTER

You’re tasked with keeping everything on budget and running smoothly. That means personnel, machinery and process are always top of mind. So, you need to know that you can count on powerful technology to streamline and simplify as many facets of that complex system as possible.

There is no one solution to alleviate every challenge, but if time and resources rate high on the list of things you would like to save, it’s time to consider a Micro Motion 5700 Transmitter. The 5700 Transmitter delivers the confidence and insight you require to keep your process online and performing at top efficiency.
No lesser a mind than Albert Einstein once said “The only source of knowledge is experience.” While it is true that most of the institutional knowledge at work today is the hard won result of on-the-job experience, often held by employees nearing retirement age, even Einstein couldn’t have known that the passage of time and technology would give us a way to preserve and package that knowledge.

Our workforce is on the brink of dramatic change, but this shift doesn’t have to be a crisis. It’s time to redefine the way we work, starting with the technology we use. Transmitter technology has been refined thanks to insights from those who use them every day, and redesigned for ease-of-use and more comprehensive capabilities.

The Micro Motion 5700 redefines the way you work, simplifying processes for easier implementation.

- Simplified design allows for easier, more intuitive use of the flow device, minimizing the expertise and training required
- Guided diagnostics offer simple, actionable information for easier troubleshooting
- Real-time indication of multi-phase flow events for better process measurement and insight

50% of experienced and managerial personnel in national and international oil and gas processing companies are expected to retire by 2021.
INCREASED SAFETY

You don’t need to be told that the cost of accidents, upsets and issues is high when every process you oversee has profound business implications. Logic tells us that to eliminate incidents, we must first understand them. Accidents are quite often put down to human error, 70-90% of the time in fact, but some experts feel such attribution is short-sighted, “One could claim that human error is a symptom of a system that needs to be redesigned. However, instead of changing the system, we try to change the people — an approach doomed to failure.”

Process Automation Systems represent only 8% - 10% of the total installed cost in capital projects, but the reliability and performance of Process Automation Systems are fundamental factors to ensure the operability and safety of new plants within the oil and gas industry. Rather than faulting employees, we should look to the innovative solutions available to us. Technology has advanced to such a degree that many systems can detect potential issues or errors long before humans could ever hope to, and further, respond to situations we may not even train employees to handle.

The Micro Motion 5700 delivers new tools that enable you to react swiftly and correctly to possible upsets or errors.

• Potential issue identification, delivering information where and when you need it
• Employee access to view process data in the comfort of their office and away from dangerous deployments
REDUCED VARIABILITY

The first rule of any technology used in a business is that automation applied to an efficient operation will magnify the efficiency. The second is that automation applied to an inefficient operation will magnify the inefficiency.

Few things are more sought after in business than efficiency. To maximize efficiency is to maximize the potential of the business. Automation and technology do much to ensure consistency, efficiency and accuracy in those areas of our business that are already running smoothly, but perhaps even more importantly, technology allows us a means to identify areas primed for improvement and act accordingly.

Modern technology delivers incredible insights. When data is easy to access, identifying points for improvement in our processes becomes as simple as taking the time to look.

The Micro Motion 5700 enables you to confirm everything is operating as it should be and provides data to back that up.

- Easy access to detailed measurement history, giving you valuable insight into your process for better troubleshooting and optimization
- Superior response time that ensures repeatable measurements under dynamic and varying conditions
- Zero verification that evaluates meter zero quality, checks process conditions and provides guidance if re-zero is required

ONE OIL AND GAS OPERATOR ESTIMATED HE COULD RECOVER AN ADDITIONAL
$72,000 A DAY IN GAS REVENUE ON 1,200 WELLS IN ONE FIELD
BY USING FLOW DATA DUMP CYCLE ANALYSIS TO MINIMIZE GAS LOST TO FLARE.
BETTER OPERATIONS & IMPROVED PRODUCTIVITY

No matter our exact industry or position, there is a constant truth that we all seek to deliver the best performance and operations possible. We seek opportunities to boost efficiency and cut costs, while keeping our employees and processes safe. Fortunately, massive changes are not always necessary to effect significant change.

Today, a single piece of equipment can simultaneously improve process management, decrease maintenance costs and increase efficiency. The Micro Motion 5700 is designed with new and improved features to increase actionable insights and reduce time spent seeking solutions to problems that may not even exist.

The Micro Motion 5700 delivers the confidence you need to safely and efficiently manage your processes.

- A proactive approach to troubleshooting and data storage with Event and Data Historian
- Actionable alerts with clear notifications to quickly explain problems and offer solutions
- A new graphics display with on-screen configuration
- Smart Meter Verification confirms meter health and accuracy in less than 90 seconds to help prevent issues and increase efficiency

TOP-PERFORMING COMPANIES HAVE LESS THAN 3% UNPLANNED DOWNTIME & MAINTENANCE COSTS LESS THAN 2% OF PLANT REPLACEMENT VALUE.

Learn more about how Micro Motion technology can help your process by visiting [www.micromotion.com/5700](http://www.micromotion.com/5700)
MEASUREMENT TELLS A STORY. MICRO MOTION MAKES IT POSSIBLE.

Confidence in your measurement is key to your process. That’s why we believe that the integrity behind your measurement is critical.

We start with the pursuit of the ultimate real world performance – even in the most critical and complex applications. And we’re committed to making your whole experience easier with our broad range of simple and scalable solutions.

With the Emerson Micro Motion team, you get more than industry-leading performance of our Coriolis flow and density meters. You also get the dedication of our people, our process and the pursuit of delivering measurement confidence in everything we do.

Get the full story at www.micromotion.com/lookcloser