

# Mobile Flow Calibration Services

## Sustainable Excellence in Flow Calibration



### Introducing our Mobile Flow Calibration Services

Endress+Hauser, one of the leading manufacturers of process measurement instrumentation are now bringing our expertise to mobile calibration services. Our highly qualified service engineers come to you with mobile calibration equipment and perform calibrations for you on-site. On-site calibration allows you to optimize your process up-time and save money.

This mobile flow offering brings the benefits of a flow calibration laboratory to your plant. This complete system is made to provide you with minimum downtime of measurement equipment. Endress+Hauser are the leading global equipment manufacturer delivering accredited on-site calibration services together with full range of complementing services, products and solutions. Along with providing the highest quality calibration of Endress+Hauser devices, we are willing to become your one-stop calibration provider for your complete installed base, including devices from other manufacturers.

We offer you a free of charge equipment assessment on your site to define your calibration requirements and propose to you the best calibration solution that will meet your exact needs.

### Our Solution

Calibration of a flow meter involves disassembling it, packaging the device and sending it to a specialist laboratory. During the time the device is unavailable, a substitute flow meter or spool piece needs to be mounted into the process.

With different site locations, varying calibration intervals and various meter types periodical calibration can rapidly turn into a nightmare for plant maintenance and calibration departments.

Endress+Hauser offer a flexible, mobile solution that enables flow meter calibration to be performed on-site. This not only simplifies but also shortens the complete calibration process. Our calibration services offer the highest degree of flexibility in calibration scheduling, dependant only on device availability. There is no need to ship instruments off-site for factory calibrations, saving you time and costs of sending the device off-site. Our mobile calibration services also provide benefits such as direct communication with service engineers, the possibility to perform calibrations instantly and calibrations are done close to operating conditions

The mobile flow laboratory arrives to the required location. The Endress+Hauser service technician performs calibrations according to the Endress+Hauser quality standards as written in the Standard Operating Procedures (SOPs) and delivers the appropriate certificates on site.

### Typical Action Plan

#### Scheduling

Our service administrator gets in touch in good time to schedule a date according to the customer's needs and plant availability.

#### Flexible, mobile calibration

Our highly qualified service technician comes to you with all required mobile calibration equipment to perform calibrations on your site(s).

#### Execution

On site, our qualified service technicians perform the calibration of flow meters according to our Standard Operating Procedures.

#### Completion

For each calibrated device, we deliver a Certificate of Calibration of UUT (Unit Under Test) as well as the master meter's SCS certificate.

## Benefits for Endress+Hauser Customers

1. The modular mobile flow calibration laboratory mounted on castor wheels is compact enough to fit through a standard width door
2. Operable and manageable by a single person and can be used both internally and externally on-site
3. Better accuracy provided through reduced manual work effort and high-end equipment
4. Suitable for in-line and off-line liquid calibration of multiple meter types i.e. electromagnetic, coriolis, vortex, mechanical etc.
5. Direct communication with service engineers performing calibrations and/or adjustments
6. Both Ex and non EX rated UUT output signals can be evaluated via Pulses, 4-20mA or via PROFIBUS DP/PA
7. UUT adapters, DIN2501 flanges, DIN11851 diary fitting, Tri Clamp ISO 2852, available as standard
8. Calibrations performed instantly and executed close to operating conditions
9. Short calibration time increases availability of devices for the process
10. Wide calibration ranges and high accuracy allows to solve broad scope of calibration tasks
11. Up to 9 measuring points can be selected per calibration and up to 6 repetitions per measuring point are possible
12. Intuitive guided calibration procedure steps ensure error-free calibration data for a precise view on the quality of measurements
13. Calibration certificates, data and/or recommendations are available instantly
14. On-site high quality printing of calibration certificate makes staying compliant easy
15. Mobile calibration rigs are calibrated and traceable according to ISO/IEC17025 international standards



## Mobile calibration services to save you money and suit your business needs

We offer you a free of charge equipment assessment on your site to define your calibration requirements and propose to you the best calibration solution that will meet your exact needs.

For more information, please visit our website

[www.ie.endress.com/services](http://www.ie.endress.com/services)

Or call Mark Murphy, our Sales Engineer for Service Contracts  
on 045 989 216 or email Mark at [mark.murphy@ie.endress.com](mailto:mark.murphy@ie.endress.com)