

# Training Classes with Hands-on Experience

## Flow Instrumentation Fundamentals & Configuration

### The Application Training Center

Your competent partner for application training in process automation.

The ATC provides

- Training with extensive hands-on experience
- Training under real process conditions
- Learning in small groups
- A didactical proven concept

Our training under real process conditions guarantees sustainable training success.

### Location

The Application Training Center is located in Reinach, Switzerland.

Profit from a 'hands on experience' with training courses from the Application Training Center.



Hands-on lessons under real process conditions guarantee the best learning results

Select and configure the right flow measuring principle for different applications.

**Course content** Introduction to the basics of the most common flow measuring principles and device configuration as well as operational parameters.

Installation suggestions for different flow measurement principles will be discussed.

The right selection of the correct flow measuring devices is also part of this training as well as the influence of the application and process conditions to the measurement stability and accuracy.

**Key benefits** Participants will understand: Coriolis, electromagnetic, vortex, ultrasonic, dp flow and thermal flow measurement principles. They learn to configure flow measuring devices locally or remote with Field-Care and get a fundamental understanding of flow applications and related measuring problems.

Process disturbances, how these disturbances are effecting the measurement accuracy and possible remedies are discussed.

Participants will be enabled to select the correct measuring principle for different applications and will get an awareness for the importance of application and process conditions for the measuring accuracy.



Experience real process conditions with our training rigs

#### Focus topics

- Introduction to the different flow measurement principles like Coriolis, electromagnetic, vortex, ultrasonic, dp flow and thermal flow
- Introduction to different device parameters and configurations
- Typical applications for each measuring principle
- Installation suggestions

**Target group** Anyone who is interested in flow measurement technologies as well as maintenance and project engineers for flow applications.

**Working methods** A combination of presentations and workshops, hands-on training in small groups (max. 4)

Minimum participants for a course: 4

**Language** English

#### Time

1. Day from 09:00am to 05:00pm
2. Day from 09:00am to 05:00pm
3. Day from 09:00am to 05:00pm

#### Location

Endress+Hauser Consult AG  
Sales Support  
Application Training Center  
Kaegenstrasse 18

CH-4153 Reinach / Switzerland

**Participation fee** 2,400.- CHF  
(including lunch and refreshments during coffee break)

**Registration** Online on [www.endress.com](http://www.endress.com) or through email: [atc@consult.endress.com](mailto:atc@consult.endress.com)

Training topics may be subject to change in case of technical reasons

#### Application Training Center

Endress+Hauser Consult AG Sales Support  
Kägenstrasse 18  
4153 Reinach  
Switzerland

Phone: +41617157700  
Fax: +41617152888  
[atc@consult.endress.com](mailto:atc@consult.endress.com)  
[www.endress.com](http://www.endress.com)