

# Gas Measurement Training and Education

## FWE200DH



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## FWE200DH curriculum

Courses are modular and designed for progressive development. Students then can align training goals with course offerings. Training modules provide hands-on learning for real-world applications. Please visit our website at [www.us.endress.com](http://www.us.endress.com) for more information.

Course	P/N	Course Topics	Class Size	Time
001 Overview & Function	1618912	Course 001. Topic(s): 1) Scattered light basic principles. 2) Overview of device/system to understand function.	Max 8	2hr.
002 Configuration & Maintenance	1618913	Course 002. Prerequisite Course 001. Classroom with direct training with device. Topic(s): 1) SOPAS and analyzer connectivity. 2) Maintenance & diagnostics 3 Troubleshooting & Repairs	Max 8	6 hr.



## Curriculum Facts

Target Audience	Technicians and staff
Location	Endress+Hauser Gas Measurement Houston Training Center or Customer Site with a suitable training area & a projector. Customer pays shipping costs.
Format	Lecture with and demonstration of a device
Testing Available	No test provided for courses
System Request	FWE200DH.
Materials Provided	FWE200DH device for use during training sessions. Electronic training Instructions
Student Preparation	PC/Laptop with SOPAS Engineering software installed ( <a href="#">link</a> ). Search endress.com for SOPAS Engineering software. Failure to have the customer's required material may lead to ineffective training and may result in the class not being able to achieve the objectives described and course benefits.

## Registration for E+H Gas Measurement Training and Education

### Scheduled Classes by Student

Classes and pricing are available online for registration as an individual. Students can reserve and pay for scheduled classes during a specified time online. Classes are held in the Houston Gas Measurement office.

### Custom Time Classes


Courses are available at a custom time for E+H Gas Measurement and interested parties. Classes accommodate up to eight students. To receive a quote for a class, speak to an account manager. Classes are available at the Houston Gas Measurement office or customer location.

### Online Location and Account Creation

Scheduled classes available are found online. To find:

1. Visit [www.us.endress.com](http://www.us.endress.com)
2. In the search field (top right), search for Comprehensive Customer Training ([link](#))
3. Scroll down to the Web-Based training via Process Training Portal.
4. Click on [Click here to enroll or login to your account.](#)
5. New users will require the creation of an account. Note, this account is separate from their E+H corporate account.
6. Account creation may take 1-2 hours during business hours.

### Web-Based training via Process Training Portal

Endress+Hauser's Process Training Portal offers customers valuable, consistent web-based training for staff on demand, addressing the challenges of delivering training to employees working different shifts and locations. The portal ensures efficient and economical training delivery, reduces new-hire orientation time and prepares employees for hands-on training opportunities. [Click here to enroll or login to your account.](#) 

[Check out our eLearning catalog](#)

### Register for a Class

1. Search the library, in the search field enter EHUS Gas Measurement or Gas Measurement with the name of the device.
2. Select see classes to view available dates. Preview details will show the content for the course.
3. Classes will show available dates.
4. Select the Class of Date of interest
5. Course registration requires a credit card for payment.

## Training & Education Course Syllabus

Course	P/N	Course Topics	Class Size	Time
001 Overview & Function	1074856	Course 001. Topic(s): 1) Learn the system components, options, and basic measurement theory for forward light scattering. 2) Understand how the device works. Learn about the system components, options, and basic measurement theory. 3) Understand the basic parameters and settings necessary for starting up and operating the device.	Max 8	2 hr.
002 Configuration & Maintenance	1074857	Course 002. Topic(s): 1) Use the SOPAS Engineering Tool to connect with the device for general operational purposes. 2) Learn how to perform the proper maintenance and filter audits that will ensure efficiency and performance. 3) Learn the necessary maintenance intervals. 4) Learn how to configure the parameters. 5) Learn how to detect and diagnose errors and diagnose issues now the necessary maintenance steps and intervals. 6) Know how to perform a filter audit. 7) Understand how to interpret errors and diagnose issues. Learn about basic spare parts and consumables that are available.	Max 8	6 hr.