

## Online-Training - OXYMAT 6 ULTRAMAT 6+23 Operation and maintenance (SC-G-OXYU)

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### Short Description

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Online-training

Commissioning and operation of OXYMAT6/61  
ULTRAMAT 6/23  
Diagnostics  
various types of oxygen cells  
infrared absorption  
NDIR-principle  
sample preparation

[Also available as face-to-face training](#)

### Target Group

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Service personnel  
Project managers, project team members  
Commissioning engineers, configuring engineers  
Operators, users

### Content

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- Physical measurements, paramagnetism and infrared absorption according to the NDIR single and double beam principle
- Measurement of Oxygen
- Micro flow sensor, reference gas
- Measurement of infrared active gases
- Structure and function of analyzers controlled by microprocessors
- Construction and function of microprocessor controlled analyzers
- Oxygen sensor, infrared sensor and electrochemical oxygens cell
- Operation, parameters and maintenance software Commissioning and use of OXYMAT 6, OXYMAT 61, ULTRAMAT 6 and ULTRAMAT 23
- Infrared cells and phase adjustment
- Preventive maintenance
- Failure diagnosis and remedy
- Practical exercises in the laboratory

### Prerequisites

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General knowledge of electrical engineering  
Functional Microphone (Headset) and Webcam

### Type

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Online-Training

### Duration

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24 hours

### Language

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en