

## **OXYMAT 6, ULTRAMAT 6+23: Operation, diagnostics, various types of oxygen cells, infrared absorption, NDIR-principle and sample preparation (SC-G-OXYUL)**

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### **Short Description**

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

### **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

### **Note**

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none

### **Type**

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Face-to-face training

### **Duration**

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3 days

### **Language**

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