

## ULTRAMAT 23 intensive: Industrial gases, infrared absorption, Oxygen measurement (SC-G-ULT23)

---

### Kurzbeschreibung

---

Commissioning and operation ULTRAMAT 23  
Diagnostics  
Infrared absorption  
NDIR principle  
Oxygen cell, gas sample preparation

### Zielgruppe

---

Service personnel  
Commissioning engineers, configuring engineers, project manager, project members  
Operators, users

### Inhalte

---

- Infrared absorption according to the NDIR principle
- Micro flow sensor
- Measurement of infrared active gases and oxygen
- Structure and function of analyzers controlled by microprocessors
- Single beam infrared cells,
- Electrochemical oxygen cell
- Commissioning and use of the ULTRAMAT 23
- Preventive maintenance
- Failure diagnosis and remedy
- Practical exercises in the laboratory

### Teilnahmevoraussetzung

---

Basic knowledge of process analysis,  
General knowledge of electrical engineering

### Hinweise

---

none

### Typ

---

Präsenztraining

### Dauer

---

2 Tage

### Sprache

---

en