



# LWM EXPERT TRAINING



Have you purchased an LWM or already integrated it into your system and would now like to be able to carry out proper, first-class operation, maintenance and parameterization?

IN THIS TRAINING YOU WILL LEARN EVERYTHING ABOUT THE LASER WELDING MONITOR.

We will show you how to use the software and then put it into practice with your data. In addition to installing, testing and adjusting the sensors and cables, communication with the system is demonstrated and troubleshooting is practiced.

**Target group:** Commissioning engineers and setters, foremen, process managers, quality managers

**Training location:** Gaggenau

**Goals:**

- Installation, operation, maintenance and replacement of LWM
- Parameterization of customer data
- Sensor alignment, adjustment and maintenance

**Duration:** 3 days

**Number of participants:** Maximum 6

**Food:** Meals are provided on site and are included in the price.

**Seminar conclusion:** After successfully completing the training, a certificate will be issued with the areas of focus learned.

Price on request



## OUR TRAINING TEAM

### Oliver Wiechert

Service technician

Our technicians are masters of their field and, through our training team, offer you many years of practical experience in the areas of commissioning, service and maintenance. We offer you exciting insights into the technology behind the product, you will learn how to use the product and the necessary specialist knowledge. Practical experience is everything for us.

# TRAINING CONTENT

## LWM Expert

### System structure

- System composition
- Control of hardware (cables, UPS, sensors, HM, e.g.)

### Connections

- Connecting the sensors
- Interface to the higher-level system

### Software settings, menus and commands

- Explanation of terms
- Timing diagram
- Program structure
- Serial number transfer
- How the LWM system works
- Application examples
- Error processing
- Software operation
- Post-processing
- Parameter wizard
- Probability of errors
- Step teach-in
- Result query
- Backup / Restore
- Remote control

### Exercises

- First commissioning
- LWM "ini" files (system configuration)
- Control fieldbus interface (also gateway, TCP / IP, e.g.)
- Program assignment
- Preparation configuration
- Align sensor / set gain
- Automatic operation
- Access in automatic mode
- Configuration switching
- Set LWM parameters (ranges, references).
- Simulate errors and analyze the effects on the measurement curves

### Troubleshooting / Maintenance

- Backup / Restore
- RAID System / Recovery / BIOS Settings
- Maintenance

## WHY PRECITEC STANDS OUT

MADE IN GERMANY. WORLDWIDE SERVICE.  
50 YEARS OF EXPERIENCE.



## OUR TRAINING CENTERS DIRECTIONS AND HOTEL RECOMMENDATIONS

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