



WELDMASTER EXPERT TRAINING



Have you purchased a WeldMaster Scan & Track or already integrated it into your system and would now like to be able to carry out proper and firstclass operation, maintenance and repairs?

IN THIS TRAINING YOU WILL
LEARN EVERYTHING ABOUT THE
WELDMASTER.

We first introduce you to the maintenance procedures and then put them into practice. This training is particularly mandatory for changing optical modules and all other qualified topics according to the service manual. It ensures smooth installation, replacement and operation.

The parameterization of the entire system is practiced practically on the robot in the laser cell. Participants can carry out welds on a sample holder according to the process requirements.

Target group: Service technicians and commissioning engineers / OEM customers

Training location: Gaggenau

Goals:

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

Duration: 4 days

Number of participants: Maximum 4

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

Carolyn Werner

Service engineer

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

WeldMaster Expert

System structure

- Explanation of the applications
- Explanation of the system components
 - Interface overview
 - Switch cabinet
 - Welding optics
 - Camera module
 - ScanTracker
 - Line generator
- Basic invoices

Connections

- Rittal control cabinet
- WeldMaster PC
- Head monitor
- Laser control
- Fieldbus interfaces
- Safety relay
- UPS
- Socket interface
- Cooling
- Compressed air

Software settings, menus and commands

- Dealing with GUI
- Teaching robot movements
- Product structure
- Set up detection
- Simulations

Exercises

- Installation
 - Check laser line position
 - Calibrate camera
 - Determine focus distance
 - Determine tool center point
 - Determine LaserControl delay
 - Set up ScanTracker
- Creating new products
- Demonstration welding
- Establish remote access

Troubleshooting / Maintenance

- Replacement of protective glass collimation / focus lens
- Statistics / error detection
- Creating and loading backups

WHY PRECITEC STANDS OUT

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50 YEARS OF EXPERIENCE.



OUR TRAINING CENTERS DIRECTIONS AND HOTEL RECOMMENDATIONS

REGISTRATION: +49 (0)7225 684 399, adminservice@precitec.de



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Precitec GmbH & Co. KG
Germany

Precitec GmbH & Co. KG
Draisstraße 1
76571 Gaggenau

Phone +49 (0)7225 684 0
Fax +49 (0)7225 684 900
E-Mail precitec@precitec.de

