

## LWM online training

You have purchased a Laser Welding Monitor System (=LWM) or already integrated it into your plant and now you would like to be able to carry out first-class operation, maintenance and repair in accordance with the regulations?

In this training you will learn everything about the LWM.

We will introduce you to the installation, adjustment and maintenance procedures and then execute them into practice. Especially for parameterization and reference curves, this training is absolutely necessary to guarantee a smooth installation and maintenance. The corrections of parameterization and creation of new reference curves are an essential part of the training. In order to guarantee a perfect training of the parameterization, learning is done on training notebooks with corresponding customer data. In addition, the alignment, adjustment and maintenance of the sensors are trained in detail.

**Target group:** Operators

### Targets:

- ✓ Installation of the LWM
- ✓ Parameterization and corrections
- ✓ Creation of new reference curves
- ✓ Alignment, adjustment and maintenance of the sensors

### Details:

- Max. participants: 6
- Training date: to be defined
- Training location: Precitec GmbH & Co. KG, Gaggenau, GERMANY
- Training language: English or German (to be defined)

### End of training:

After successful completion of the training, a certificate is issued with the key points learned.



## Guideline for the training program:

### Day 1 – Session 1

<b>Meet &amp; Greet (30 min)</b>
<ul style="list-style-type: none"> <li>– Presentation of the trainer</li> <li>– Presentation of the participants (name, job title, experience with laser welding)</li> <li>– Presentation of the agenda</li> <li>– Company presentation</li> <li>– Safety</li> </ul>
<b>LWM Overview (30 min)</b>
<ul style="list-style-type: none"> <li>– LWM introduction (videos)</li> <li>– LWM systems variants (old &amp; new)</li> <li>– Precitec Hotline Information</li> </ul>
<b>System structure (15 min)</b>
<ul style="list-style-type: none"> <li>– LWM variants</li> <li>– Windows 10 features</li> <li>– Hardware overview</li> <li>– Upgrade information</li> </ul>
<b>LWM functions (45 min)</b>
<ul style="list-style-type: none"> <li>– Standard functions</li> <li>– New functions (LWM 4.x)</li> <li>– LWM office software</li> </ul>
<b>Final round (60 min)</b>
<ul style="list-style-type: none"> <li>– Application examples</li> <li>– Questions &amp; feedbacks</li> </ul>

### Day 1 – Session 2

<b>LWM software overview (2 hours 45 min)</b>
<ul style="list-style-type: none"> <li>– Menu structure of the LWM software</li> <li>– Loading configurations, measurements and creating references</li> <li>– Usage of parameter wizard</li> <li>– Backup types</li> <li>– Other features</li> </ul>
<b>Final round (15 min)</b>
<ul style="list-style-type: none"> <li>– Question &amp; feedbacks</li> </ul>

### Day 2 – Session 3

<b>LWM software usage (2 hours 30 min)</b>
<ul style="list-style-type: none"><li>– Practical exercise with offline LWM system</li></ul>



### Day 2 – Session 4

<b>LWM software usage (2 hours 30 min)</b>
<ul style="list-style-type: none"><li>– Practical exercise with real system data</li></ul>
<b>Final round (30min)</b>
<ul style="list-style-type: none"><li>– Summary</li><li>– Questions &amp; feedbacks</li></ul>

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**Our training centers – Route descriptions and hotel recommendations:****Precitec GmbH & Co. KG**

in Germany

**Precitec Vision GmbH & Co. KG**

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