



MOTORTECH

Topics of Training

2026

ON SITE TRAINING 

ONLINE TRAINING 

TECHNICAL SERVICE 

MOTORTECH®

MOTORTECH Topics of Training

Basic Training

MODULE 1: BASICS

Introduction to Gas Engine Technologies

- General interaction between gas and engine as a propulsion fuel
 - Gas types
 - Gas production
- Gas quality
 - Components for the interaction
 - Gas treatment
 - Gastrain/zero pressure regulator

Introduction to the MOTORTECH Product Range

- Basic knowledge of the MOTORTECH MIC500 ignition control technology
 - Triggering/pickup
 - MIC500 – MIC4 differences
- Getting to know the MOTORTECH product range
 - Ignition systems/AlphaRail wiring rails
 - Engine modifications
 - Ignition coils
 - Spark plug leads
 - Spark plugs
 - Tools and test equipment with practical application

In Person Training at the MOTORTECH Training Center

- 🕒 1 day (8:30 a.m.–4:30 p.m.)
- € 240.00 € net per participant
- ✓ Training materials, lunch snack, hot and cold beverages

Online Training

- 🕒 1 day (8:30 a.m.–3:30 p.m.)
- € 190.00 € net per participant
- ✓ Training materials

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- ✉ training@motortech.de

Product Specific Training

MODULE 2: MIC Ignition Controllers & DetCon Detonation Control System

MIC Ignition Controllers

- MIC3+ / MIC4 / MIC5
- Setup and function of the ignition control units
- MICT programming software with application examples
- Practical product training or interactive examples on the engine simulator
- Possible pickup errors
- Application notes pickup
- Troubleshooting MIC3+ / MIC4 / MIC5

DetCon20 – Detonation Control System

- Set up and function
- Interaction and integration
- DetCon application notes for ignition control unit

PowerView3

- Motor data visualization
- Operating software trend viewer

Optional: Final Test



In Person Training at the MOTORTECH Training Center

- 🕒 2 days (8:30 a.m.–4:30 p.m. each)
- € 480.00 € net per participant
- ✓ Training materials, lunch snack, hot and cold beverages

Online Training

- 🕒 2 days (8:30 a.m.–3:30 p.m. each)
- € 380.00 € net per participant
- ✓ Training materials

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📁 For the practical exercises it is necessary that each participant brings their own laptop.

📍 **New Training Center Location:** Hunaeusstrasse 5, 29227 Celle

Product Specific Training

MODULE 3: Mixture Control

VariFuel2, VariStep and VariStep3

- › Set up and function
- › MICT programming software
- › Zero adjustment and belt tension
- › Gas train requirements
- › Examples of the structure
- › Troubleshooting

Mixture Control

- › Lean burning / fat burning
- › Control of exhaust gas and combustion chamber temperature

ITB – Throttle Body with Integrated Stepper Motor and SC100 Speed Controller

- › Set up and function
- › Interaction and integration
- › Troubleshooting

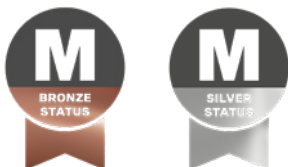
EmCon5


- › Mode of action and function
- › Interaction and integration
- › WinScope software with application examples

EasyNo_x – MOTORTECH-NO_x-Monitoring

- › Set up and function
- › Interaction and integration
- › EasyNO_x application instructions

Optional: Final Test



 For the practical exercises it is necessary that each participant brings their own laptop.

 **New Training Center Location:** Hunaeusstrasse 5, 29227 Celle

In Person Training at the MOTORTECH Training Center

🕒 1 day (8:30 a.m.–4:30 p.m.)

€ 240.00 € net per participant

✓ Training materials, lunch snack, hot and cold beverages

Online Training

🕒 1 day (8:30 a.m.–3:30 p.m.)

€ 190.00 € net per participant

✓ Training materials

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Product Specific Training

MODULE 4: CHP and Genset Control for Beginners

Training Controls

- Set up and function of the IntelliSys Gas, AIO.GAS and AIO.NTC controls
- New features of the IntelliSys Gas Base Box, introduction to new products
- IntelliMonitor/GenConfig user software (Basic knowledge for operator and user)

In Person Training at the MOTORTECH Training Center

- 🕒 ¾ day (8:30 a.m.–4:30 p.m.)
- € 175.00 € net per participant
- ✓ Training materials, lunch snack, hot and cold beverages

Online Training

- 🕒 ¾ day (8:30 a.m.–3:30 p.m.)
- € 145.00 € net per participant
- ✓ Training materials

Product Specific Training

MODULE 5: Basic and Advanced CHP and Genset Control

Training Controls

- Set up and function of the IntelliSys Gas, AIO.GAS and AIO.NTC controls
- New features of the IntelliSys Gas Base Box, introduction to new products
- IntelliMonitor/GenConfig user software
- AFR control/introduction to the current software
- Elementary program (SPI, SPTM)
 - Basics
 - Advanced
- Possibilities of communication
 - Basics
 - Advanced
- Applications in the software
- Power management, MINT applications
 - Basics
- Screen editor for vision displays
 - Basics

Optional: Final Test



❏ For the practical exercises it is necessary that each participant brings their own laptop.

❏ **New Training Center Location:** Hunaeusstrasse 5, 29227 Celle

In Person Training at the MOTORTECH Training Center

- 🕒 3 days (8:30 a.m.–4:30 p.m. each)
- € 720.00 € net per participant
- ✓ Training materials, lunch snack, hot and cold beverages

Online Training

- 🕒 3 days (8:30 a.m.–3:30 p.m. each)
- € 570.00 € net per participant
- ✓ Training materials

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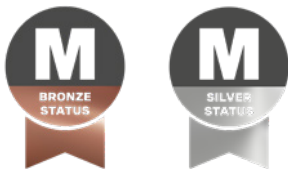
Product Specific Training

MODULE 6: CHP and Genset Control – Additions to Module 5

Training IntelliSys Gas, AIO.GAS and AIO.NTC

- > Advanced power management, MINT applications
- > Advanced screen editor for vision displays with practical applications

Optional: Final Test



❗ Prerequisite for participation is the successful completion of module 5 or demonstrable advanced knowledge of the contents of Module 5!

❗ For the practical exercises it is necessary that each participant brings their own laptop.

❗ New Training Center Location: Hunaeusstrasse 5, 29227 Celle

In Person Training at the MOTORTECH Training Center

🕒 1 day (8:30 a.m.–4:30 p.m.)

€ 240.00 € net per participant

✓ Training materials, lunch snack, hot and cold beverages

Online Training

🕒 1 day (8:30 a.m.–3:30 p.m.)

€ 190.00 € net per participant

✓ Training materials

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Status Training

MODULE 7: Status Training

Status Training

- > Supplements/changes to products that have been published in the meantime via sales & service bulletin
- > Technical presentation of new products that may have come onto the market in the meantime
- > Supplements/changes to the modules which may have occurred in the meantime due to renewals
- > Final test to achieve the gold status from the main topics modules 2, 3, 5 and 6



❗ Prerequisite is already achieved silver status! Valid for 1 year.

❗ New Training Center Location: Hunaeusstrasse 5, 29227 Celle

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€ 480.00 € net per participant

✓ Training materials, lunch snack, hot and cold beverages

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