



# MOTORTECH

## Topics of Training

### 2025

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.)

€ 220.00 € net per participant

- ✓ Training materials, lunch snack, hot and cold beverages

#### Online Training

🕒 1 day (8:30 a.m.–3:30 p.m.)

€ 170.00 € net per participant

- ✓ Training materials

#### MOTORTECH Service

📞 +49 5141 93 99 220

✉ 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)

€ 440.00 € net per participant

- ✓ Training materials, lunch snack, hot and cold beverages

#### Online Training

🕒 2 days (8:30 a.m.–3:30 p.m. each)

€ 340.00 € 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

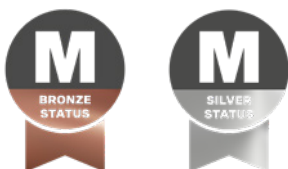
#### EmCon5

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

#### EasyNo<sub>x</sub> – MOTORTECH-NO<sub>x</sub>-Monitoring

- > Set up and function
- > Interaction and integration
- > EasyNO<sub>x</sub> 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.)

€ 220.00 € net per participant

✓ Training materials, lunch snack, hot and cold beverages

#### Online Training

1 day (8:30 a.m.–3:30 p.m.)

€ 170.00 € 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.)
- € 160.00 € net per participant
- ✓ Training materials, lunch snack, hot and cold beverages

#### Online Training

- 🕒 ¾ day (8:30 a.m.–3:30 p.m.)
- € 130.00 € 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



#### In Person Training at the MOTORTECH Training Center

- 🕒 3 days (8:30 a.m.–4:30 p.m. each)
- € 660.00 € net per participant
- ✓ Training materials, lunch snack, hot and cold beverages

#### Online Training

- 🕒 3 days (8:30 a.m.–3:30 p.m. each)
- € 510.00 € net per participant
- ✓ Training materials

#### MOTORTECH Service

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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



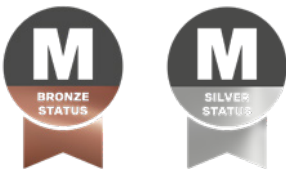
## Product Specific Training

### MODULE 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

## 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

#### In Person Training at the MOTORTECH Training Center

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- € 220.00 € net per participant
- ✓ Training materials, lunch snack, hot and cold beverages

#### Online Training

- 🕒 1 day (8:30 a.m.–3:30 p.m.)
- € 170.00 € net per participant
- ✓ Training materials

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#### In Person Training at the MOTORTECH Training Center

- 🕒 2 days (8:30 a.m.–4:30 p.m. each)
- € 440.00 € net per participant
- ✓ Training materials, lunch snack, hot and cold beverages

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## **MOTORTECH GmbH**

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# **MOTORTECH®**