

Nihon Kohden Europe Service & Technical Training Program

Welcome to the 2025 Nihon Kohden Service Technical Training Overview. This comprehensive program is meticulously designed to elevate your technical proficiency and industry knowledge. Led by our highly experienced trainers, each session integrates in-depth theoretical insights with practical, hands-on applications, ensuring you gain the expertise required to excel in your role.

Technical Service Team

Published on: Feb. 2025

This training schedule is accurate as of the posting date but is subject to change. Please check for updates regularly.

Training Schedule

February

18-20. 02 .2025 [MEK-7300K Series IVD Service Practical Training](#)

March

10-14. 03. 2025 [MEK-9XXX Series IVD Service Practical Training](#)

19-20. 03. 2025 [PMS Service Practical Training \(German Language\)](#)

April

28-30. 04. 2025 [MEK-6550 Series IVD Service Practical Training](#)

May

07-08. 05. 2025 [PMS/ECG/Defib Service Practical Training \(German Language\)](#)

12-15. 05. 2025 [Basic Service Medical IT Training](#)

20-22. 05.2025 [PMS/ECG/Defib Service Practical Training](#)

June

23-27. 06. 2025 [NKV-330/NKV-550 Service Practical Training](#)

September

09-11. 09. 2025 [PMS/ECG/Defib Service Practical Training](#)

15-18. 09. 2025 [Advanced Service Medical IT Training](#)

23-27. 09. 2025 [MEK-13xx Series IVD Service Training](#)

October

07-09. 10. 2025 [PMS/ECG/Defib Service Practical Training \(German Language\)](#)

13-17. 10. 2025 [NKV-330/NKV-550 Service Practical Training](#)

20-24. 10. 2025 [MEK-9XXX Series IVD Service Practical Training](#)

27-30. 10. 2025 [EEG-1200+Polaris Service Practical Training](#)

November

24-28. 11. 2025 [NKV-330/NKV-550 Service Practical Training](#)

MEK-7300K Series IVD Service Practical Training

Learning objective

1. Demonstrate proficiency in operating and explaining the fundamental operations of the MEK-7300.
2. Locate and identify the principal internal and external components and assemblies of the MEK-7300.
3. Select and demonstrate understanding of the various manuals, documentation, and administrative procedures relevant to maintenance activities for the MEK-7300.
4. Choose and execute a variety of maintenance tasks on the MEK-7300 using appropriate tooling and safety protocols.
5. Perform basic troubleshooting procedures on the MEK-7300 utilizing the correct Nihon Kohden manuals and available resources effectively.
6. Understand the fundamental principles of in-vitro diagnostics, including the various techniques and methodologies used in IVD testing.
7. Gain proficiency in the operation and maintenance of common IVD equipment and instruments, ensuring accurate and reliable test results.
8. Develop comprehensive knowledge of quality assurance and regulatory requirements governing IVD testing processes, including documentation and reporting standards.
9. Acquire skills in interpreting IVD test results, recognizing patterns, and identifying potential issues or anomalies for further investigation.
10. Learn best practices for ensuring patient safety and confidentiality in IVD testing procedures, including appropriate handling and disposal of specimens and adherence to ethical guidelines.

Target group

NKE, Service Partners and Distributor Service Technicians who are seeking IVD technical service qualifications.

Remark

- Registration for practical training can be completed via [Easylearn](#). If you do not have an Easylearn account, please contact us at service.training@nke.de.
- Practical training and other in-person courses are typically conducted at the NKE facilities in Rosbach vor der Höhe, Germany. In some cases, training at customer facilities may also be arranged.
- If the training you require is not listed in the catalog, we are happy to offer customized training. Please contact us at service.training@nke.de.
- IVD training sessions held at NKE in Rosbach are generally free of charge.
- Training sessions require a minimum of four participants. Sessions with fewer than four registrants will be canceled.

Duration

30 hours

MEK-9xxx Series IVD Service Practical Training

Learning objective

1. Demonstrate proficiency in operating and explaining the fundamental operations of the MEK-9xxx.
2. Locate and identify the principal internal and external components and assemblies of the MEK-9xxx.
3. Select and demonstrate understanding of the various manuals, documentation, and administrative procedures relevant to maintenance activities for the MEK-9xxx.
4. Choose and execute a variety of maintenance tasks on the MEK-9xxx using appropriate tooling and safety protocols.
5. Perform basic troubleshooting procedures on the MEK-9xxx utilizing the correct Nihon Kohden manuals and available resources effectively.
6. Understand the fundamental principles of in-vitro diagnostics, including the various techniques and methodologies used in IVD testing.
7. Gain proficiency in the operation and maintenance of common IVD equipment and instruments, ensuring accurate and reliable test results.
8. Develop comprehensive knowledge of quality assurance and regulatory requirements governing IVD testing processes, including documentation and reporting standards.
9. Acquire skills in interpreting IVD test results, recognizing patterns, and identifying potential issues or anomalies for further investigation.
10. Learn best practices for ensuring patient safety and confidentiality in IVD testing procedures, including appropriate handling and disposal of specimens and adherence to ethical guidelines.

Target group

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Duration

30 hours

PMS Service Practical Training (German Language)

Lernziele

1. Sicheres Bedienen und Erklären der grundlegenden Funktionen verschiedener Nihon Kohden Patientenmonitoring-Systeme, einschließlich Systemkonfiguration und Software-Updates.
2. Lokalisieren und Identifizieren der wichtigsten internen und externen Komponenten und Baugruppen der Monitore sowie Verständnis für deren Konnektivität mit externem Zubehör.
3. Auswahl und Verständnis relevanter Handbücher, Dokumentationen und administrativer Verfahren im Zusammenhang mit Wartungsaktivitäten.
4. Durchführung verschiedener Wartungsaufgaben an Patientenmonitoring-Systemen unter Verwendung geeigneter Werkzeuge und Sicherheitsprotokolle.
5. Durchführung grundlegender Fehlerbehebungsverfahren unter Nutzung der richtigen Nihon Kohden Handbücher und verfügbaren Ressourcen.

Zielgruppe

NKE, Service-Partner und Distributor Service-Techniker.

Hinweise

- Die Anmeldung für das praktische Training kann über [Easylearn](#) erfolgen. Wenn Sie kein Easylearn-Konto haben, kontaktieren Sie uns bitte unter service.training@nke.de.
- Das praktische Training und andere Präsenzkurse finden in der Regel in den NKE-Einrichtungen in Rosbach vor der Höhe, Deutschland, statt. In einigen Fällen kann das Training auch in den Einrichtungen des Kunden durchgeführt werden.
- Wenn die von Ihnen benötigte Schulung nicht im Katalog aufgeführt ist, bieten wir gerne maßgeschneiderte Schulungen an. Bitte kontaktieren Sie uns unter service.training@nke.de.
- Für diese Schulung fällt eine Schulungsgebühr an. Für weitere Details kontaktieren Sie bitte service.training@nke.de.
- Schulungen erfordern eine Mindestteilnehmerzahl von vier Personen. Bei weniger als vier Anmeldungen wird die Schulung abgesagt.

Dauer

16 Stunden

MEK-6550 Series IVD Service Practical Training

Learning objective

1. Demonstrate proficiency in operating and explaining the fundamental operations of the MEK-6550.
2. Locate and identify the principal internal and external components and assemblies of the MEK-6550.
3. Select and demonstrate understanding of the various manuals, documentation, and administrative procedures relevant to maintenance activities for the MEK-6550.
4. Choose and execute a variety of maintenance tasks on the MEK-6550 using appropriate tooling and safety protocols.
5. Perform basic troubleshooting procedures on the MEK-6550 utilizing the correct Nihon Kohden manuals and available resources effectively.
6. Understand the fundamental principles of in-vitro diagnostics, including the various techniques and methodologies used in IVD testing.
7. Gain proficiency in the operation and maintenance of common IVD equipment and instruments, ensuring accurate and reliable test results.
8. Develop comprehensive knowledge of quality assurance and regulatory requirements governing IVD testing processes, including documentation and reporting standards.
9. Acquire skills in interpreting IVD test results, recognizing patterns, and identifying potential issues or anomalies for further investigation.
10. Learn best practices for ensuring patient safety and confidentiality in IVD testing procedures, including appropriate handling and disposal of specimens and adherence to ethical guidelines.

Target group

NKE, Service Partners and Distributor Service Technicians who are seeking IVD technical service qualifications.

Remark

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- Practical training and other in-person courses are typically conducted at the NKE facilities in Rosbach vor der Hohe, Germany. In some cases, training at customer facilities may also be arranged.
- If the training you require is not listed in the catalog, we are happy to offer customized training. Please contact us at service.training@nke.de.
- IVD training sessions held at NKE in Rosbach are generally free of charge.
- Training sessions require a minimum of four participants. Sessions with fewer than four registrants will be canceled.

Duration

18 hours

Basic Service Medical IT Training

Learning objective

1. Understand the fundamentals of IT systems in a medical environment, including hospital infrastructure and network security.
2. Gain proficiency in key networking concepts such as OSI layer models, IP addressing, subnetting, VLANs, firewalls, and routing.
3. Learn about access control mechanisms and their importance in medical IT environments.
4. Develop skills in troubleshooting IT issues using Windows-based commands and network analysis tools.
5. Understand the implementation and security of wireless networks in medical settings.
6. Explore virtualization concepts and their application in medical IT infrastructures.
7. Learn about regulatory requirements, data encryption, and authentication for medical IT security.
8. Gain hands-on experience with network configuration, system setup, and IT security best practices.

Target group

NKE, Service Partners and Distributor Service Technicians who need fundamental technical knowledge of medical IT systems to support hospital infrastructure and medical device integration.

Remark

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Duration

hours

NKV-330/NKV-550 Service Practical Training

Learning objective

1. Proficiency in Operating and Explaining Functions
 - Demonstrate proficiency in operating the fundamental functions of both the NKV-330 and NKV-550 ventilators.
 - Explain the key functionalities and applications of these ventilators in a clinical setting.
2. Identification of Components and Assemblies
 - Locate and identify the principal internal and external components and assemblies of the NKV-330 and NKV-550.
 - Understand the purpose and functionality of each identified component.
3. Comprehension of Manuals and Documentation
 - Select and exhibit comprehension of the diverse manuals, documentation, and administrative procedures associated with maintenance activities for both the NKV-330 and NKV-550.
 - Interpret and apply information from these documents to perform maintenance tasks accurately.
4. Execution of Maintenance Tasks
 - Execute a variety of maintenance tasks on the NKV-330 and NKV-550 ventilators, using appropriate tools and adhering to safety protocols.
 - Demonstrate proper use of tools and adherence to safety guidelines during maintenance activities.
5. Troubleshooting Procedures
 - Perform basic troubleshooting procedures on the NKV-330 and NKV-550 using the relevant Nihon Kohden manuals and available resources effectively.
 - Identify common issues and apply troubleshooting techniques to resolve them, ensuring minimal downtime and optimal functionality of the ventilators.

Target group

NKE, Service Partners and Distributor Ventilator Service Technicians

Remark

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- Practical training and other in-person courses are typically conducted at the NKE facilities in Rosbach vor der Hohe, Germany. In some cases, training at customer facilities may also be arranged.
- If the training you require is not listed in the catalog, we are happy to offer customized training. Please contact us at service.training@nke.de.
- A training fee applies for this session. For details, please contact service.training@nke.de.
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Duration

30 hours

PMS/ECG/Defibrillators Service Training

Learning objective

1. Demonstrate proficiency in operating and explaining the fundamental operations of the various patient monitoring, cardiology, and defibrillator devices presented in the course.
2. Locate and identify the principal internal and external components and assemblies of the various.
3. Select and demonstrate understanding of the various manuals, documentation, and administrative procedures relevant to maintenance activities for the various devices.
4. Choose and execute a variety of maintenance tasks on the various devices using appropriate tooling and safety protocols.
5. Perform basic troubleshooting procedures on the various devices utilizing the correct Nihon Kohden manuals and available resources effectively.

Target group

NKE, Service Partners and Distributor Service Technicians

Remark

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Duration

30 hours

PMS/ECG/Defibrillators Service Training (German Language)

Lernziele

1. Sicheres Bedienen und Erklären der grundlegenden Funktionen verschiedener Patientenmonitoring-, Kardiologie- und Defibrillatorgeräte, die in diesem Kurs vorgestellt werden.
2. Lokalisieren und Identifizieren der wichtigsten internen und externen Komponenten und Baugruppen der verschiedenen Geräte.
3. Auswahl und Verständnis der relevanten Handbücher, Dokumentationen und administrativen Verfahren im Zusammenhang mit Wartungsaktivitäten für die verschiedenen Geräte.
4. Durchführung verschiedener Wartungsaufgaben an den Geräten unter Verwendung geeigneter Werkzeuge und Sicherheitsprotokolle.
5. Durchführung grundlegender Fehlerbehebungsverfahren an den Geräten unter Nutzung der richtigen Nihon Kohden Handbücher und verfügbaren Ressourcen.

Zielgruppe

NKE, Service-Partner und Distributor Service-Techniker.

Hinweise

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- Schulungen erfordern eine Mindestteilnehmerzahl von vier Personen. Bei weniger als vier Anmeldungen wird die Schulung abgesagt.

Dauer

30 hours

Advanced Service Medical IT Training

Learning objective

1. Understand the fundamentals of PMS network architecture and the process of connecting to hospital networks.
2. Gain insights into solution design, including an introduction to HIQ-Gateway and SmartLink.
3. Develop hands-on experience in installing, configuring, analyzing log files, and troubleshooting common issues with HIQ-Gateway.
4. Explore the functionalities and integration of HIQ-Plugins and features such as ViTrac and Telemetry Server.
5. Gain practical skills in the installation, configuration, log analysis, and troubleshooting of SmartLink.
6. Understand service expectations and the importance of maintaining high data quality.
7. Learn effective strategies for engaging with the NKE Service team to ensure optimal system performance and support.

Target group

NKE, Service Partners and Distributor Service Technicians who need fundamental technical knowledge of medical IT systems to support hospital infrastructure and medical device integration.

Remark

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Duration

hours

MEK-13xx Series IVD Service Practical Training

Learning objective

1. Demonstrate proficiency in operating and explaining the fundamental operations of the MEK-13xx.
2. Locate and identify the principal internal and external components and assemblies of the MEK-13xx.
3. Select and demonstrate understanding of the various manuals, documentation, and administrative procedures relevant to maintenance activities for the MEK-13xx.
4. Choose and execute a variety of maintenance tasks on the MEK-13xx using appropriate tooling and safety protocols.
5. Perform basic troubleshooting procedures on the MEK-13xx utilizing the correct Nihon Kohden manuals and available resources effectively.
6. Understand the fundamental principles of in-vitro diagnostics, including the various techniques and methodologies used in IVD testing.
7. Gain proficiency in the operation and maintenance of common IVD equipment and instruments, ensuring accurate and reliable test results.
8. Develop comprehensive knowledge of quality assurance and regulatory requirements governing IVD testing processes, including documentation and reporting standards.
9. Acquire skills in interpreting IVD test results, recognizing patterns, and identifying potential issues or anomalies for further investigation.
10. Learn best practices for ensuring patient safety and confidentiality in IVD testing procedures, including appropriate handling and disposal of specimens and adherence to ethical guidelines

Target group

NKE, Service Partners and Distributor Service Technicians who are seeking IVD technical service qualifications.

Remark

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- Training sessions require a minimum of four participants. Sessions with fewer than four registrants will be canceled.

Duration

30 hours

EEG-1200+Polaris Service Practical Training

Learning objective

1. Identify the key components and features of the Nihon Kohden EEG-1200 system, including its hardware and software modules.
2. Understand the process and protocols for communicating with Nihon Kohden's technical service team, including effective ways to request support and escalate issues.
3. Explain the EEG-1200 product lifecycle, warranty coverage, and available support services to ensure effective long-term use of the system.
4. Navigate the available technical documentation, including manuals, online resources, and support portals, to find relevant technical information for troubleshooting and maintenance.
5. Describe the necessary steps and considerations for planning and installing the EEG-1200 system in a clinical environment, including site preparation, safety measures, and required infrastructure.
6. Demonstrate how to configure and integrate Polaris.one with the EEG-1200 system to optimize data management and workflow efficiency in clinical settings.
7. Apply basic troubleshooting methods to identify and resolve common hardware and software issues that may arise during the operation of the EEG-1200 system.
8. Explain the main functionalities of Polaris.one, highlighting how it enhances the performance and usability of the EEG-1200 system.
9. Perform fault diagnostics using the EEG-1200 and Polaris.one, identifying potential system errors and executing corrective actions.
10. Solve real-world troubleshooting scenarios through hands-on practice with the EEG-1200 and Polaris.one, applying diagnostic techniques to fix issues efficiently.

Target group

NKE, Service Partners and Distributor Service Technicians who are seeking EEG-1200 Neurology technical service qualifications.

Remark

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Duration

20 hours