

thermoscientific



Certified Training  
Solutions

Radiation Monitoring and Detection  
Certified Training Catalog

**ThermoFisher**  
SCIENTIFIC

# Advance your skills, deliver expertise

Our comprehensive training courses provide you with the product knowledge and advanced skills that are needed to improve operation efficiency and ensure optimal value in your investment. Our training classes, available in a variety of course types, will provide you with in-depth knowledge of Thermo Scientific products, technologies and solutions.

## Thermo Scientific™ RADSafe™ Training Benefits:

- Enhance productivity and safety
- Optimize your process
- Improve decision making
- Increase equipment uptime
- Manage and analyze data effectively



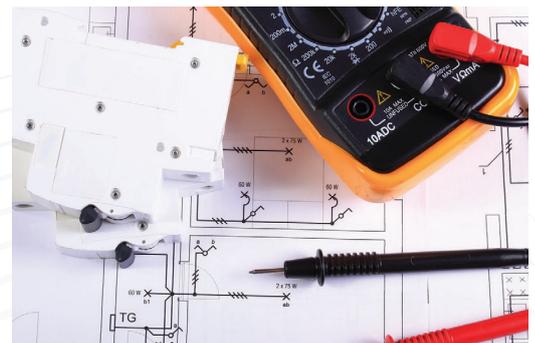
Two different levels of training based on your unique business and personnel needs.

## Operational Maintenance Training

Ideal for customers who want operational understanding and certified expert user training.

## Advanced Troubleshooting Repair Training

Ideal for customers who need full deep level repair understanding by certified subject matter experts.



# Training Simplified

Choose from a variety of training programs

## Select your training level

### Operational Maintenance

We teach theory of operation, routine maintenance and diagnostics, as well as set up, test, and calibration methods as needed.

#### Course Topics Include:

- Theory of Operation
- Software interface and Menu structure
- Installation and Calibration
- Maintenance and Troubleshooting

### Advanced Troubleshooting and Repair

We teach advanced technical specification and optimization techniques along with advanced troubleshooting and repair skills.

#### Course Topics Include:

- Theory of Operation
- Specifications
- Software Interface and Menu structure
- In Depth Preventive Maintenance
- Calibration Procedures and/or Checkouts
- Replacement Parts or Kits
- Troubleshooting Recommendations
- Preventative Maintenance & Frequency

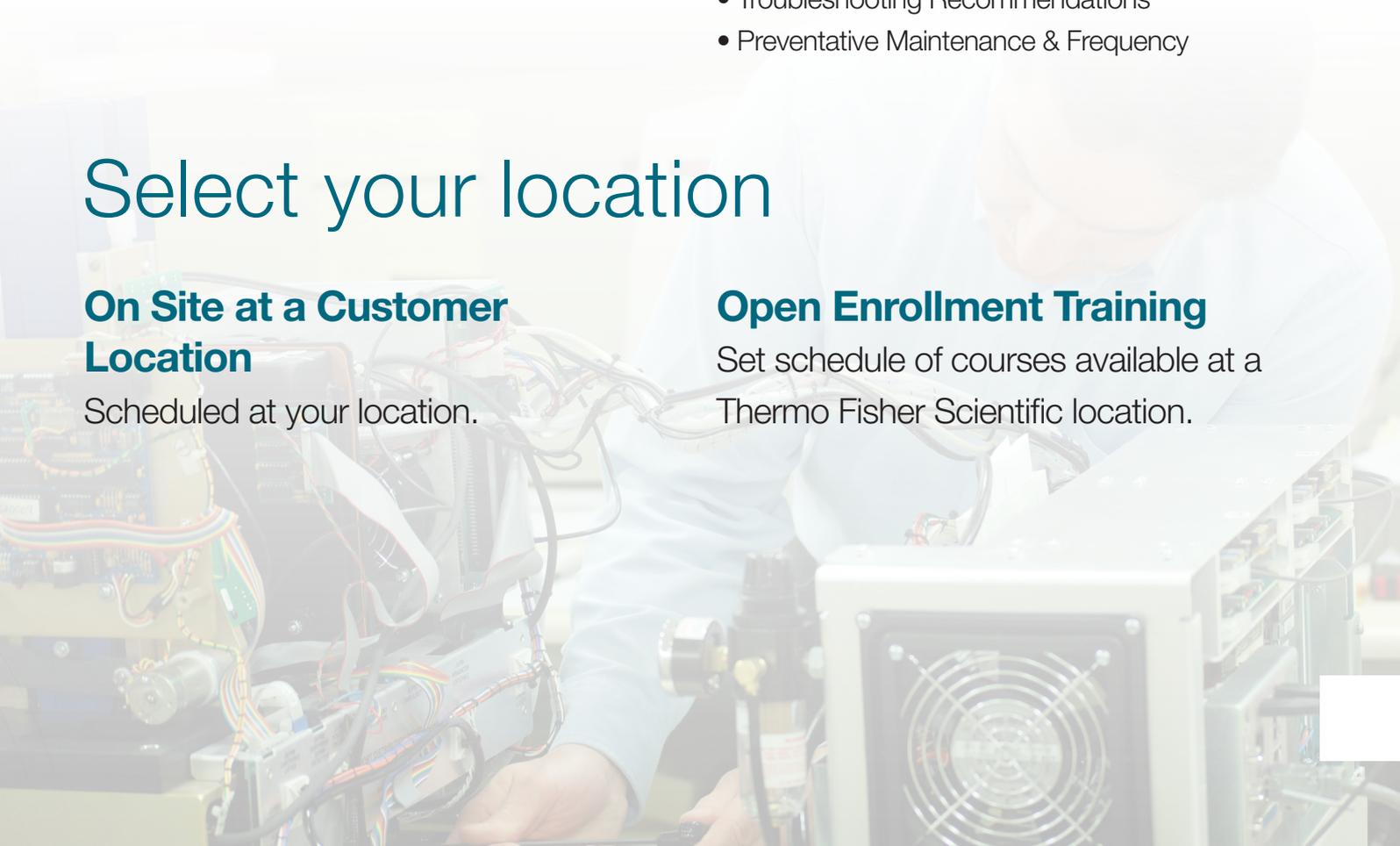
## Select your location

### On Site at a Customer Location

Scheduled at your location.

### Open Enrollment Training

Set schedule of courses available at a Thermo Fisher Scientific location.



## Contamination Monitor Courses

Thermo Scientific™ Product	Course Number	Length (days)	Oakwood, OH	Erlangen, Germany	Customer Location
<b>Operations and Maintenance Training</b>					
SAM12 Small Article & Tool Monitor	TRN-SAM12-OMT	2	X		X
LAM12 Large Article & Tool Monitor	TRN-LAM12-OMT	2	X		X
PM12 Personnel Gamma Portal Monitor	TRN-PM12-OMT	2	X		X
iPCM12 Personnel Contamination Monitor	TRN-IPCM12-OMT	2	X		X
HFM11 Hand and Foot Monitor	TRN-HFM11-OMT	2	X		X
<b>Advanced Troubleshooting and Repair</b>					
SAM12 Small Article & Tool Monitor	TRN-SAM12-ART	3	X		X
LAM12 Large Article & Tool Monitor	TRN-LAM12-ART	3	X		X
PM12 Personnel Gamma Portal Monitor	TRN-PM12-ART	3	X		X
iPCM12 Personnel Contamination Monitor	TRN-IPCM12-ART	3	X		X
HFM11 Hand and Foot Monitor	TRN-HFM11-ART	3	X		X

## Portables & Mobile Spectroscopic Courses

Thermo Scientific™ Product	Course Number	Length (days)	Oakwood, OH	Erlangen, Germany	Customer Location
<b>Operations and Maintenance Training</b>					
RadHalo™ Spectroscopic Area Monitors	TRN-HALO-OMT	2	X		X
PackEye™ Radiation Detection Backpack	TRN-PACK-OMT	2	X	X	X
MDS Mobile Detection Systems	TRN-MDS-OMT	2	X	X	X
<b>Advanced Troubleshooting and Repair</b>					
RadHalo™ Spectroscopic Area Monitors	TRN-HALO-ART	3	X		X
PackEye™ Radiation Detection Backpack	TRN-PACK-ART	3	X	X	X
*ARIS/ASP/MARIS Spectroscopic Radiation Detection Systems	TRN-ARIS-ART	3	X		
MDS Mobile Detection Systems	TRN-MDS-ART	3	X	X	X

\* All courses offered are available for custom, on-site visits, except where noted

## Environmental Monitor Courses

Thermo Scientific™ Product	Course Number	Length (days)	Oakwood, OH	Erlangen, Germany	Customer Location
<b>Operations and Maintenance Training</b>					
AMS4 Continuous Air Monitor	TRN-AMS4-OMT	2	X		X
ALPHA7A Continuous Air Monitor	TRN-A7-OMT	2	X		X
RMS3 Area Monitor	TRN-RMS3-OMT	2	X		X
FHT6020 Area Monitor	TRN-6020-OMT	2	X	X	X
*FHT3511 PET Effluent Monitor	TRN-3511-OMT	2	X	X	
*FHT Line of Custom System Monitors	TRN-CUST-OMT	2		X	
<b>Advanced Troubleshooting and Repair</b>					
AMS4 Continuous Air Monitor	TRN-AMS4-ART	3	X		X
ALPHA7A Continuous Air Monitor	TRN-A7-ART	3	X		X
RMS3 Area Monitor	TRN-RMS3-ART	3	X		X
FHT6020 Area Monitor	TRN-6020-ART	3	X	X	X
*FHT3511 PET Effluent Monitor	TRN-3511-ART	3	X	X	
*FHT Line of Custom System Monitors	TRN-CUST-ART	3		X	

## Industrial Portal and Pedestrian Monitor Courses

Thermo Scientific™ Product	Course Number	Length (days)	Oakwood, OH	Erlangen, Germany	Customer Location
<b>Operations and Maintenance Training</b>					
ASMIV Automatic Scrap Monitoring Systems	TRN-ASMIV-OMT	2	X		X
TPM903B Transportable Radiation Portal Monitor	TRN-TPM-OMT	2	X		X
LFM3 Portal Radiation Detection System	TRN-LFM3-OMT	2	X		X
SGS Safety Guard™ Portal Monitors	TRN-SGS-OMT	2	X		X
<b>Advanced Troubleshooting and Repair</b>					
ASMIV Automatic Scrap Monitoring Systems	TRN-ASMIV-ART	3	X		X
TPM903B Transportable Radiation Portal Monitor	TRN-TPM-ART	3	X		X
LFM3 Portal Radiation Detection System	TRN-LFM3-ART	3	X		X
SGS Safety Guard™ Portal Monitors	TRN-SGS-ART	3	X		X

\* All courses offered are available for custom, on-site visits, except where noted

# Dosimetry Courses

Thermo Scientific™ Product	Course Number	Length (days)	Oakwood, OH	Erlangen, Germany	Customer Location
<b>Operations and Maintenance Training</b>					
Harshaw™ TLD 3500 & 5500 Dosimetry Reader	TRN-TLD3-OMT	2	X	X	X
Harshaw™ TLD 4500, 6600 and 8800 Dosimetry Reader	TRN-TLD4-OMT	2	X	X	X
<b>Advanced Troubleshooting and Repair</b>					
Harshaw™ TLD 3500 & 5500 Dosimetry Reader	TRN-TLD3-ART	3	X	X	X
Harshaw™ TLD 4500, 6600 and 8800 Dosimetry Reader	TRN-TLD4-ART	3	X	X	X

## Training Packages for each Student to include:

- Graphics Wi-Fi Tablet loaded with training materials
- Thumb drive
- Backpack

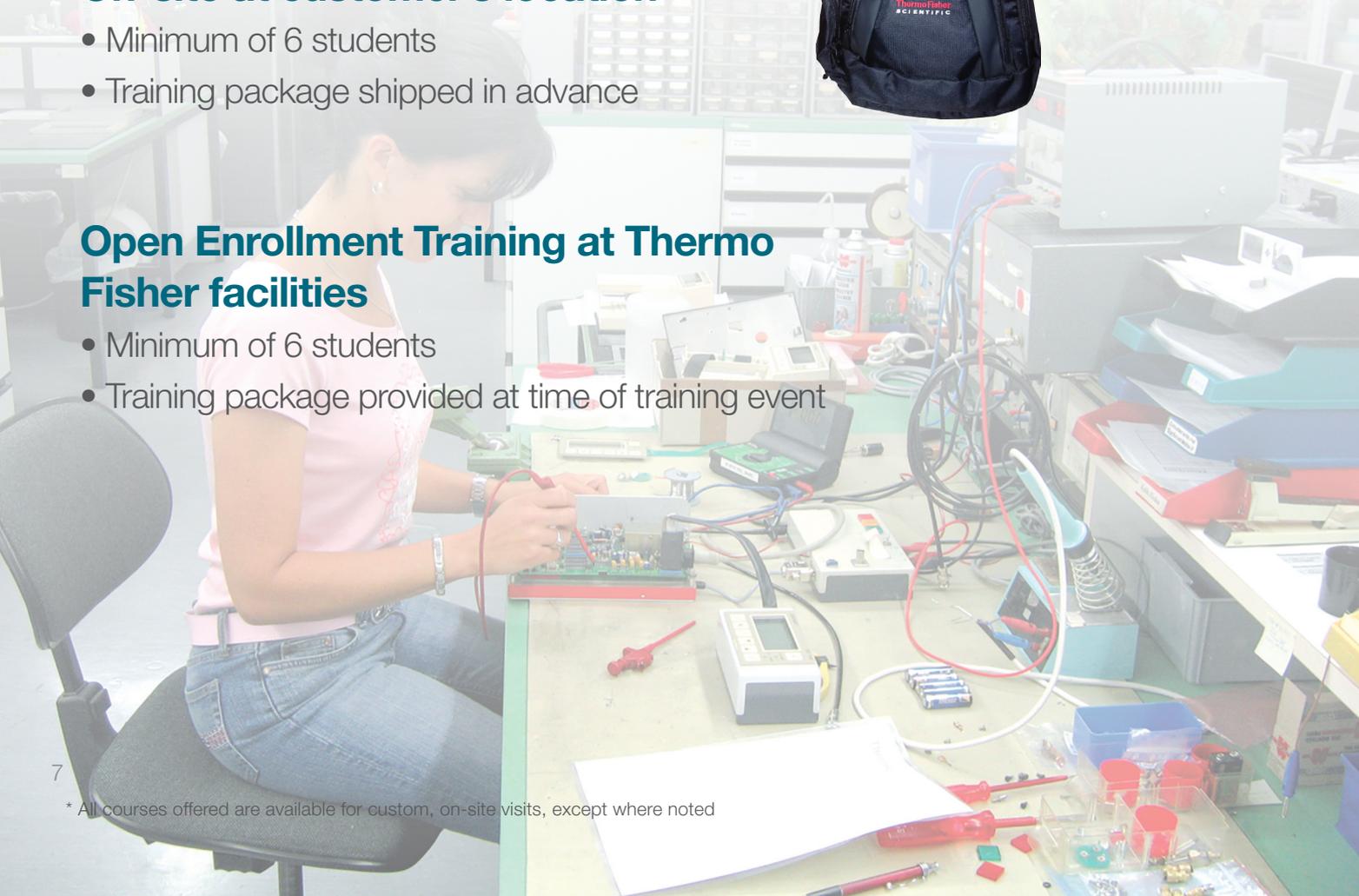


## On-site at customer's location

- Minimum of 6 students
- Training package shipped in advance

## Open Enrollment Training at Thermo Fisher facilities

- Minimum of 6 students
- Training package provided at time of training event



# Training Simplified

Our facilities are less than an hour from international airports, making it convenient for air travel with close proximity to local hotels. Packages and recommendations will be provided for accommodations.



Thermo Fisher Scientific  
One Thermo Fisher Way  
Oakwood Village, OH 44146



Thermo Fisher Scientific  
Frauenauracher Strasse 96  
D 91056 Erlangen, Germany

2017 Training Schedule Calendar	Days	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
<b>Contamination Monitor Courses</b>													
TRN-SAM12-OET	3		7th				13th				17th		
TRN-LAM12-OET	3		7th				13th				17th		
TRN-PM12-OET	3		7th				13th		25th		17th		
TRN-IPCM12-OET	3		7th				13th		25th		17th		
TRN-HFM11-OET	3		7th				13th		29th		17th		
<b>Environmental Monitor Courses</b>													
TRN-AMS4-OET	3			21st					1st				
TRN-A7-OET	3			21st					1st				
TRN-RMS3-OET	3			21st					1st				
TRN-6020-OET	3			28th					8th				
TRN-3511-OET	3			28th					8th				
TRN-CUST-OET	3			28th					8th				
<b>Portables &amp; Mobile Spectroscopic Systems Courses</b>													
TRN-HALO-OET	3		21st					18th				7th	
TRN-PACK-OET	3		21st					18th				7th	
TRN-MDS-OET	3				18th					5th			
TRN-ARIS-OET	3				18th					5th			
<b>Industrial Portal Monitoring and Pedestrian Monitors Courses</b>													
TRN-ASMIV-OET	3	3rd				9th				19th			
TRN-TPM-OET	3	3rd				9th				19th			
TRN-LFM3-OET	3	3rd				9th				19th			
TRN-SGS-OET	3	3rd				9th				19th			
<b>Harshaw TLD Dosimetry System Courses</b>													
TRN-TLD3-OET	3			14th			6th				10th		
TRN-TLD4-OET	3			14th			6th				10th		

\* All courses offered are available for custom, on-site visits, except where noted

## How to request a quote, purchase and schedule training

If you would like to learn more and be contacted by a service specialist, please call us at **800-274-4212** or email [customerservice.rmsi@thermofisher.com](mailto:customerservice.rmsi@thermofisher.com) See more at: [www.thermofisher.com/radsafetraining](http://www.thermofisher.com/radsafetraining)

### Training policies and requirements

In order to provide you with the best service possible, please find the following guidelines to assist you in ensuring a successful training experience. We look forward to serving you.



### Confirmation Training Orders On-Site

Upon agreement and receipt of P.O. or credit card order, organizers will receive an order acknowledgment and training packets in advance of training. Training will take place at a mutually agreed upon time subject to scheduling and availability of trainers. Courses are assumed to be a minimum of 6 students or more to be a viable training off-site event.

### Confirmation Training Orders at our facilities

Upon agreement and receipt of P.O. or credit card order, students will receive a packet including directions to the scheduled Training Institute, a letter of confirmation, and local hotel information. Travel expenses are not included in our tuition price.

### Course Schedule

Training events should be scheduled to occur during the work week. Training events should be scheduled to begin between 8-9 AM and operate no later than 4:30 PM unless otherwise confirmed by all parties.

### Language

All courses and materials are presented in English. Please contact us for pricing regarding material translation if needed.

### Cancellation Policy

Thermo Fisher Scientific™ will make every effort to adhere to our agreed training schedule. In the unlikely event that changes occur, we will do everything we can to provide as much advance notice as possible. Thermo Fisher Scientific reserves the right to cancel any training event prior to its scheduled date. Thermo Fisher is not responsible for expenses incurred if a course is cancelled.

### Refund Policy

We understand that changes in your schedule can occur and we will do all we can to accommodate your needs if they change. Should a customer need to withdraw an ordered training event off-site, notification needs to be sent to Thermo Fisher Scientific as soon as possible. Customers who withdraw or cancel two weeks or more, prior to the course start date, will not be charged assuming return of training packages. Customers who withdraw or cancel less than two weeks, prior to the course start date, will be responsible for full payment of the course fee and have the opportunity to reschedule within six months.

Find out more at [thermofisher.com/radsafe](http://thermofisher.com/radsafe)

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