

# GLORIA®

Safety First



# VR FIRE TRAINER™

The new generation of fire training

## VR Fire Training

Take the source of fire to „classroom“



### Our solution for challenging training conditions - Fire training in the Virtual Reality (VR)

With virtual reality (VR) fire training companies can operate **more sustainable and efficient** than ever before. Employees and customers are put in a customised, interactive learning environment where they can be trained interactively, just like in the real world - and even far beyond.

Meanwhile, VR training has found its way into many areas, in order to offer realistic training in a VR simulation **independent of time and location**, especially if training is to be carried out on machines or in scenarios that are not, or at least not continuously, available.

Apart from being absolutely safe, VR fire training has the advantage of being **more cost-efficient and scalable**. Compared to traditional fire training, they offer an enhanced learning experience.

There is **no longer a need to work with real fires** to simulate real situations, when this can be replicated better and more safely in the virtual world. VR fire training is also perfect for training in city centres or urban environments, with **significantly less environmental impact**.

Features such as simulation of **real environments, fire spread, smoke development and material flammability** enable an unprecedented level of reality. In addition, the GLORIA VR Fire Trainer is **fully mobile**, requiring no external computer, tracker or cables, making it perfect for use in **fire training of all kinds**.

By combining the GLORIA VR Fire Trainer with the theoretical components of a training course, participants are able to experience an almost realistic fire fighting experience.

# VR Fire Training

## Memorable learning experience in VR

### Learning through experiencing - more flexible than ever

Just open the sturdy case, put on the headset and you start your training session in the virtual world **right away**. No need for computers or cables. It's truly a mobile training solution!

There is no longer a need to use real fires or a fully operating fire extinguisher to emulate real-world scenarios when it's done better virtually. With the GLORIA VR Fire Trainer, anyone in the company can be trained using only a VR headset and a dummy fire extinguisher. As our product solution does **not rely on a computer**, you can train **anywhere, at any time**.

The participant is guided through realistic exercises that simulate different fire scenarios in different rooms. One moment you are in an open-plan office where a stack of boxes is on fire, and the next you are in the kitchen facing a oil fire.

The user now has to select the appropriate fire extinguisher with the appropriate extinguishing agent and start the extinguishing process. Depending on the quality of the extinguishing process, there may be significant smoke development, visibility is lost and the extinguishing attempt fails, at least in the virtual world.

Get a first impression of the new GLORIA product solution in our introductory product video and learn more about the special features and advantages of the GLORIA VR Fire Trainer



### How do trainers and instructors benefit?

The trainer or instructor, but also the other participants, can follow and experience the extinguishing process via „screensharing“. In addition, the software provides the trainer and the participant with a success evaluation at the end of each session. Did the participant choose the appropriate extinguishing agent and was the extinguisher used correctly? Was the extinguishing attempt successful? These and other success evaluations are provided by the training and can be analysed in detail.

**Interested in our product and to get a more detailed idea of how the GLORIA VR Fire Trainer works? Do not hesitate to make an appointment with us still today.**

**Call us on +49 (0) 2523 79349 - 850 or send us an email to [vrfiretrainer@gloria.de](mailto:vrfiretrainer@gloria.de).**

**We are more than happy to demonstrate our new product during a personal visit and to give you the opportunity to discover the virtual world of fire training with your own eyes.**

# GLORIA VR Fire Trainer

All you need to conduct a fire training

## The Hardware-Set



# GLORIA VR Fire Trainer

The whole world of fire training in just one box

## The GLORA VR Fire Trainer Set

The GLORIA VR Fire Trainer Set contains everything you need to conduct fire training.

Just open the sturdy case, put on the headset and you start your training session right away. No need for computers or cables. It's truly a mobile training solution.

### Hardware

- Handle and nozzle controller
- Bluetooth® module, which transmits the operation of the extinguisher to the software
- Standard fire extinguisher (6 kg), complete with safety pin and hose
- Charging cable for the Bluetooth® module
- Brackets for handle and nozzle controller
- HTC Vive Focus 3 headset with charger
- Manual and instructions. Printed as well as link to online instructions and instruction videos.

### Software

- Includes five types of extinguishing agents: CO<sub>2</sub>, foam, powder, water and grease fire extinguishing agent.
- A range of scenarios, such as: warehouse, kitchen, office, hospital, hotel, lithium battery fire, garage, and many more
- Different fires of fire classes A, B, F, lithium battery fire and electrical fire
- Includes smoke simulation for a realistic training experience
- Fully integrated with associated hardware to make the training experience as real as possible
- Training programmes
- Trainers can put together individual training set up for participants
- Feedback and assessment for each training scenario
- Multiple languages: currently English, Swedish, German, Chinese, Polish, Dutch, French, Norwegian and Finnish



GLORIA VR Fire Trainer

# GLORIA VR Fire Trainer - Training Scenarios

## GLORIA VR Fire Trainer - Training Scenarios



Various training scenarios in different rooms provide a realistic training in a realistic environment

# GLORIA VR Fire Trainer Product-Highlights

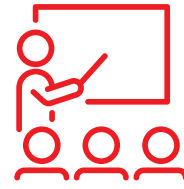
## Why you should order today



### Efficiency

The **GLORIA VR Fire Trainer** is **not dependent on the location or on weather conditions, easy to use** and automatically trains anyone who uses it **without any special tools**; making it a **cost-effective alternative** to traditional fire training.

As the GLORIA VR solution **does not rely on a computer**, you can train anywhere and **at any time**.



### Individual training

Our solution enables a **superior learning process** compared to traditional training methods.

It is widely accepted that learning-by-doing is effective, and the GLORIA VR Fire Trainer offers **a variety of different training scenarios with different fires and extinguishing agents**.

Apart from the standard scenarios, the GLORIA VR Fire Trainer can also be **customised to your specific environment** – more or less anything is possible! This allows the users to be trained in the environment that is relevant to them.



### Sustainability

The **GLORIA VR Fire Trainer** **reduces the environmental impact** of traditional fire training. In some situations, certain extinguishing agents are prohibited due to environmental impact.

The **GLORIA VR Fire Trainer** offers a **sustainable option for hands-on fire training** in a realistic environment with **different extinguishing agents**, including foam and CO<sub>2</sub>.



### Safety

Training with the **GLORIA VR Fire Trainer** is absolutely safe.

Training takes place in a **fully controlled and realistic virtual environment** without exposure to dangerous situations with flammable products.

Restrictions in heavily populated areas or in city centres with respect to fire training with real fire can be avoided with the VR Fire Trainer.

# GLORIA®

## Safety First

For more than seven decades, we have been the right contact for questions about preventive fire protection products. During this time, we have been able to gain a lot of experience, optimise our products and adapt them to current requirements.

Our focus are fire extinguishers, of which we offer a wide range of portable and mobile models.

Another main focus is on our smoke and CO detectors from our own production. These are highly reliable and come with manufacturer's warranties of up to 10 years. With our sophisticated range of accessories and spare parts, we create the safety you need.

The portfolio is rounded off by both internal and external training courses and seminars. Especially with our VR Fire Trainer, we are breaking new ground and setting the course for a new type of fire extinguishing training in the virtual world.



**Portable Fire Extinguishers**



**Mobile Extinguishers**



**Smoke detectors**



**CO detectors**



**Training, Seminars,  
Information**



**Accessories, Spare Parts,  
Extinguishing water systems „dry“**



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