

FLAIM™

Extinguisher

Safe, cost effective,
easily portable.

Fully immersive,
highly realistic
PASS extinguisher
training solution



Why use **FLAIM** Extinguisher?

Enhance **PASS** training using a fully immersive virtual experience.

SAFE no live fire props, no smoke carcinogens

FAST achieve learning outcomes in a matter of minutes

SIMPLE single case, portable solution, set-up in minutes.

FEELS REAL highly realistic engaging virtual scenarios

EDUCATIONAL expanding library of virtual fire scenarios

Advanced VR Headset with full movement tracking
Pico neo2 6DoF

Pull **Pin**

Squeeze VR trigger

Aim VR nozzle

Sweep VR nozzle

FLAIM

PASS

The most cost effective extinguisher training

Incorporating selection of correct agent, fireblanket & fire hose

What are the benefits of using **FLAIM Extinguisher?**

FLAIM Extinguisher **PASS** system is an experiential immersive learning solution, delivering a broad and expanding range of safe virtual environments to enable training in any location.

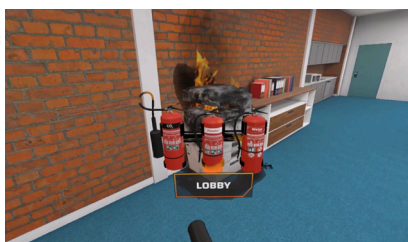
PASS delivers highly realistic virtual fire learning to educate fire safety trainees in a safe, cost effective manner to better prepare them for a broad range of fire emergencies.





Measures trainee's usage of agents. Select from a library of virtual environments.

Expansive library of high fidelity virtual training environments¹



Office



Warehouse



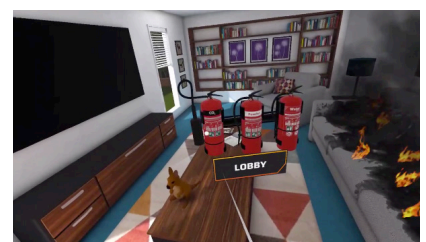
Vehicle



Kitchen



Hospital



Residential

¹ above scenarios are only a few examples of the scenario library that continues to expand.

The Science of Fire

Algorithms that replicate fire and reaction

FLAIM's proprietary virtual fire behavior technology was developed by extensive modeling of the interaction and variables of fire, smoke, water, and air with different combustibles in a virtual environment. Our technology ensures that the virtual fire reacts, progresses and mimics real live fires.

Over a decade of experience modelling

FLAIM's research and development team represents more than 10 years of PhD research that models real-time fire behavior in 3D virtual reality environments. FLAIM's VR software operates at high fidelity frame rates that eliminate motion sickness.



Applying the dynamics of smoke, fire, water, heat and foam
for more realistic scenarios

What are the unique features of **FLAIM Extinguisher?**



Immersive Simulation

Delivering a physical world training solution in a safe, controlled virtual environment



Virtual Environments

High fidelity virtual experiences with a continuously expanding portfolio of scenarios



Multi-Sensory

Integrated physical interfaces to deliver the **feels real** virtual training experience



Fire Science

Proprietary algorithmic modelling delivers real fire behaviour in a virtual environment



Live Feedback

Real time data capture, analysis and training outcome feedback

FLAIM's Intellectual Property

FLAIM Systems intellectual property protection extends to patents, trademarks, copyright VR content and proprietary software. Proprietary software includes hardware abstraction layer system software, breathing apparatus data capture, virtual fire, smoke and water behaviour and heat suit proximity tracking.

The FLAIM Trainer System is patent protected under the World Intellectual Property Organisation (WIPO) WO2016/131110 A1

FLAIM Trainer™ is a registered trademark of FLAIM Systems Pty Ltd

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