

# FLAIM

## FLAIM Trainer

### Immersive firefighter training

Train for a range of dangerous and difficult-to-conduct fire emergencies with a kinesthetic 'feels-real' experience. The FLAIM Trainer enables frequent training without compromising on safety, resources and the environment.



#### Readiness without the risks

Reduce exposure to carcinogens to minimize long-term health risks, while equipping trainees with the skills needed for a high-value live fire training event and real-life firefighting.

#### A tool for practice

Elevate preparedness through practice with the FLAIM Trainer, providing an accessible on-demand training solution for individual, team and Incident Command training.

#### Train, respond, review, repeat

Achieve end-to-end training with FLAIM Capture, a cloud based reporting tool that delivers real-time performance data and enables After-Action-Reviews.



### Purpose-built to trainee and trainer requirements

Industry-standard equipment with haptic feedback to deliver a feels-real training event

Train for specific risks with a library of scenarios

Centralize training to external or remote locations

### Accessible, on-demand training in minutes

Train any time, any place

Set-up training in <10 minutes

A portable solution for ease of transport between locations

Pelican case designed for air travel

### Connected to FLAIM Capture cloud based reporting tool

Real-time After-Action-Reviews

Deliver, record, analyze and report on training outcomes

Replicable training for skills acquisition and maintenance



## Simple integration into your training program

Designed to complement live fire training, the FLAIM Trainer enables individuals and teams to train in a range of dangerous and difficult-to-conduct environments that cannot be replicated in real-life.

## Feels-real firefighter training tailored to your requirements.

Access a comprehensive library of training material that supports over 80 firefighter training scenarios.

- Apply immersive learning to your training program
- Build your own training modules
- Deliver relevant playlists straight to the trainee



## In the box

### Case 1: FLAIM System Case

- Safety Guide
- Hose Reel
- Headset Charger
- Permanent Mounting Kit (2)
- Rope Ratchet Tie Down (2)
- Host Reel Power Cable Country Specific (2)
- Hose Reel Power Supply (2)
- Branch / Nozzle
- Branch / Nozzle Tracker
- VR Headset and VR Headset Battery 1
- Controller
- iPad
- Keyboard
- iPad Charging Cable
- HDMI Cable
- USB-A to USB-C Cable (Black)
- USB-C Y Splitter Cable
- VR Headset Charging Cable
- HDMI F to F Adapter

### Case 1: SCBA Case

- SCBA
- SCBA Battery Charger
- Half Face Mask and Lung Demand Valve
- Heat Suit
- SCBA Battery (2)
- Only supplied in Australia
- VR Headset Battery 2
- See item for VR Headset Battery 1
- Rigid Hose Fitting

### Optional

- Modem
- Modem USB-A to USB-C Cable
- Ethernet Cable
- Armband Heart Rate Monitor & Charging Base

## Service Level Agreement

### Software

3-year access to the latest software updates to deliver new features and scenarios.

### Warranty

3-year limited system warranty under a fair wear and tear policy.

### Support

- Access to technical support
- Comprehensive library of support articles and documentation
- Service requests can be logged at [support.flaimsystems.com](https://support.flaimsystems.com)



## A validated firefighter training solution

“Instructors and students believed the system provided learning opportunities in decision-making; exposure to infrequent, but needed, hazardous environments; and practice of tactics, techniques, and procedures.”



# Technical Specifications

## Head Mounted Display (HMD) & Controllers

Screen	Dual 2.88" LCD panels
Resolution	4,896 x 2,448 Pixels combined
Refresh Rate	90Hz
Field of View	Up to 120 degrees
Connectivity	2x USB 3.2 Gen-1 Type-C peripheral ports. Bluetooth 5.2+BLE Wi-Fi 6 + 6E1
Audio	Dual microphones with echo cancellation 2x Dual driver with patented directional speakers
Sensors	4x Tracking cameras.
Battery	G-Sensor, gyroscope and proximity sensor
Controller Battery	26.6wh with 2-hour charge 4-hour charge capacity

## Physical Specifications: Case One

Items	Hose Reel, Computer and HMD
Dimensions	84L (33") x 48W (19") x 30D (12")
Weight	32kg or 70lbs
Configuration	Wheeled with retractable handle

## Physical Specifications: Case Two

Items	SCBA Pack and Heat Vest
Dimensions	84L (33") x 48W (19") x 30D (12")
Weight	Weight 15kg or 33lbs
Configuration	Wheeled with retractable handle

## Computer System

Processor	Intel Core i7-11800H (8-core 2.3 GHz, up to 4.6 GHz)
Graphics	NVIDIA GeForce RTX 3070 GPU 8GB GDDR6 256-bit, up to 150W
Resolution	Up to 7,680 x 4,320 @60Hz
Memory	16GB
Storage	240GB
Power	110-240V
Connectivity	USB 3.1 GEN 2, Dual LAN Wi-Fi 6, Bluetooth 5

## Touch Screen Tablet

Display Size	10.2"
Storage	64GB
Connectivity	Wi-Fi 6 or 6E

## Hose Reel

Force Feedback	400-700KPA (Up to 300Nm)
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## Branch

Modified Task Force Tips G-Force with Pistol Grip and embedded electronics.

Connectivity	BLE plus 2xAAA batteries
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## Self-Contained Breathing Apparatus (SCBA Pack)

Connectivity	BLE
Batteries	Milwaukee M18 System (refer manufacturer)

## Heat Vest

Connectivity	BLE
Operating Temperature Range	Up to 75 degrees Celsius

## FLAIM is trusted by:



## FLAIM at a glance

Customers	Systems deployed	Countries	Languages	Immersive scenarios
<b>400+</b>	<b>1,000+</b>	<b>45+</b>	<b>28</b>	<b>150+</b>

