

FLAIM Trainer

Immersive firefighter training

Train for a range of dangerous and difficult-to-conduct fire emergencies with a kinaesthetic '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 minimise long-term health risks, whilst 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

Centralise 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, analyse 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.

We've developed a comprehensive library of training material to support 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

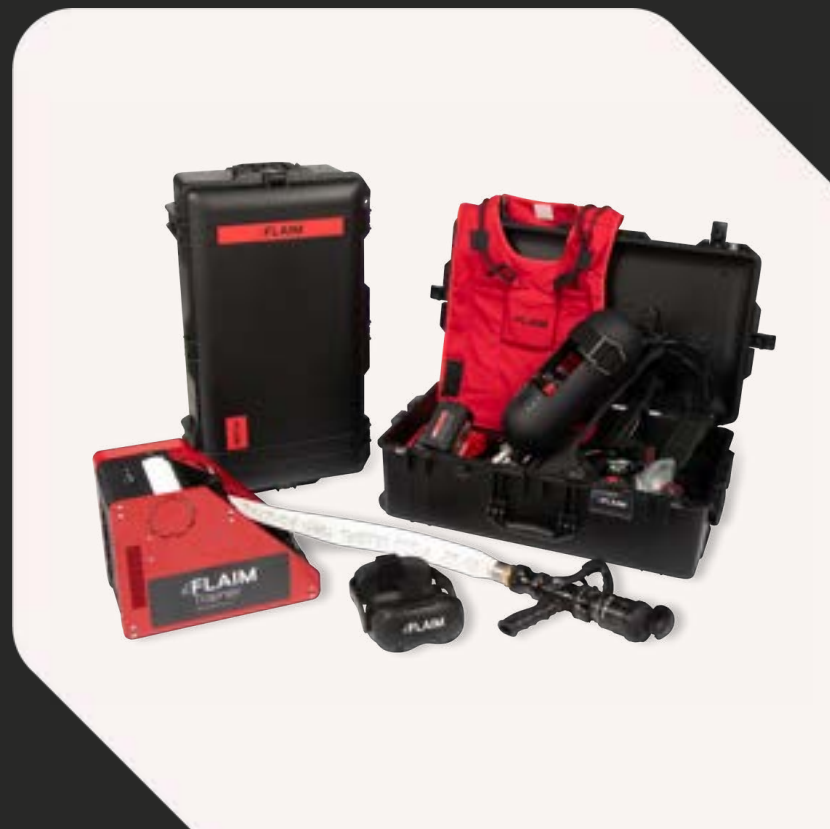
3-year access to the latest software updates to deliver new features and scenarios.

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



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	26.6w 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
400+	1,000+	45+	28	150+