# 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 Value
- 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

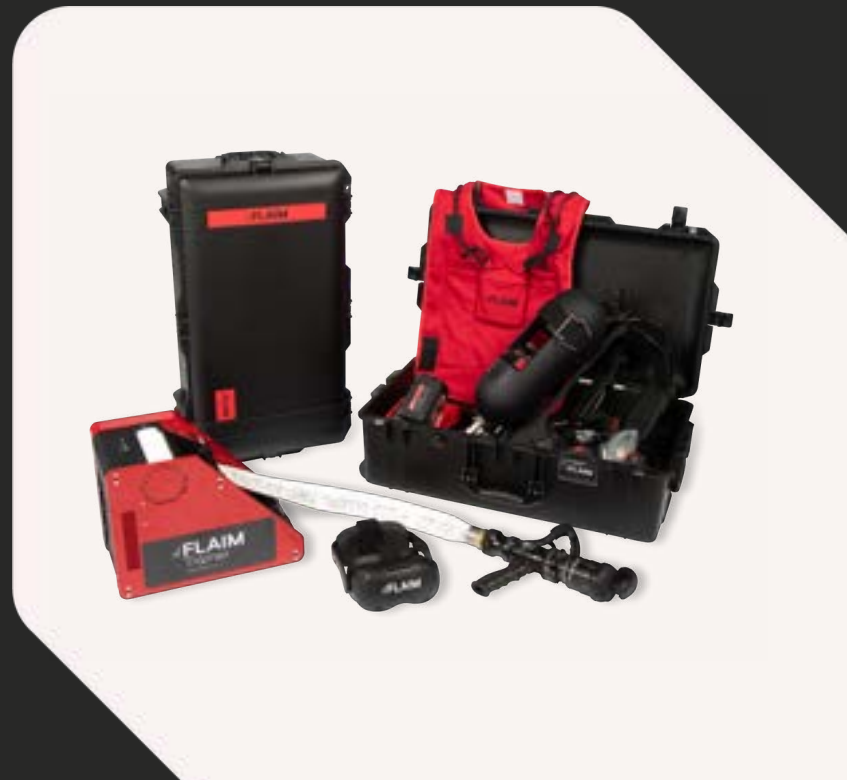# Service Level Agreement

### 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."

TEXAS A&M ENGINEERING
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EXTENSION SERVICE

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# 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) |

## Branch

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

| | |
|---|---|
| Connectivity | BLE plus 2xAAA batteries |

## 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+** |

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