

NEW INNOVATIONS 2023

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LEARNING HUB



TASK FORCE TIPS®
FIRE FIGHTING EQUIPMENT

NEW PRODUCTS OVERVIEW

Flex™ Monitors

**BEST-IN-CLASS
PERFORMANCE
& FLEXIBILITY**

Integrating feedback from the fire service and using proven water path designs developed for the Blitzfire portable monitor, we've built you a masterstream monitor that checks all the boxes for performance, reliability, serviceability, and flexibility. With fewer bends for the water to navigate, Flex delivers best-in-class stream quality at safer distances so you can put more water on the fire with ease and confidence.

Models Range From

1250 - 2000 GPM

(4750 LPM - 7500 LPM)

- ✓ **CAN-Bus J1939**
- ✓ **Absolute Positioning**

*Patented
Other patents pending*

Watch Now



**ONLY
4 PSI**
FRICTION LOSS



**INTUITIVE
& CUSTOMIZABLE**
REMOTE CONTROLS
& PROGRAMMING

Manual



Remote Control



Tiller

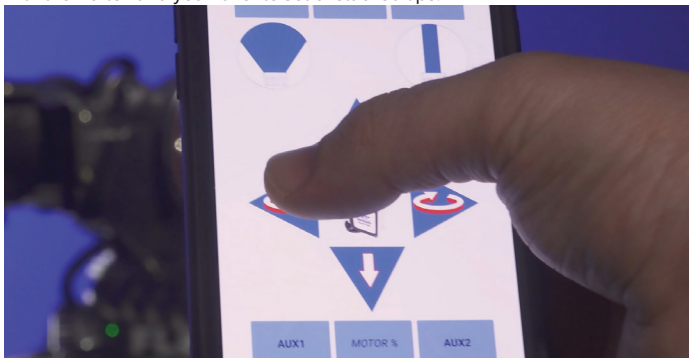




Articulating Waterway

The patented waterway eliminates excessive curves and bends while giving you total control of your water stream. The smooth movement of water allows for longer reach and a tight stream pattern.

Flex is compatible with all of your favorite masterstream nozzles and also works with the Vortex and your favorite set of stacked tips!



Easy to Program, Use, and Service

A free app allows easy programming for your custom needs and pairing with other RC devices.

Custom program buttons, stops, and park.

Controllers have customizable buttons for specific operations. Programming can be saved for multiple installations or future unit installation.

The app also allows for simple diagnostics, troubleshooting, and program updates without removing hardware.



Configurable & Upgradeable

Flex delivers for today and in the future by bringing a new level of configurability. Using a single monitor design, choose from a 3" or 4" waterway for flow rates from 1250-2000 GPM and upgrade either in the future with ease.

Manual, RC and Tiller models are available with a wide range of nozzle options and controls can be edited at factory or dealer service centers.

4X RC Options



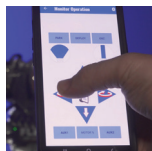
Panel Mount



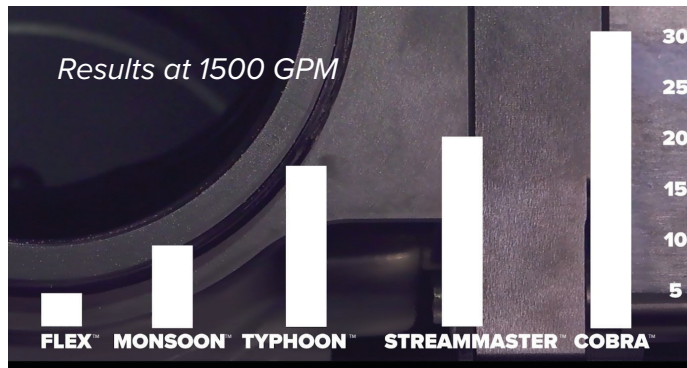
Handheld



Direct Mount



Mobile App



Lowest Friction Loss

Flex integrates proven water path designs originally developed for the Blitzfire portable monitor that delivers amazing stream reach and the lowest friction loss available from any brand at only a 4psi (.25 bar) loss while flowing 2000 GPM (7500 LPM).

Stream Master™ and Cobra™ are trademarks of their respective owners and are not affiliated, endorsed, connected or sponsored in any way to Task Force Tips or any of our products or brands.



SmartPlex™ Controls & Pairing

Quickly scan and pair your Flex to any Extend-a-gun, VUM, or multiplex system on your apparatus.



Monsoon

Flex

Customizable Controls

Change your labeling for any monitor function, lights, cameras, and other accessories.



Compact Size, Big Flow

Flex easily fits in the dunnage, on an aerial ladder or platform, or on the back of the body.

Stow Height: 16"

Swing Radius: 6"

Flex easily fits where competitive models don't and it's compatible with 3" and 4" waterways. It's also compatible with Extend-A-Gun extendable waterways.





**DEPLOYED
POSITION**

**STOWED
POSITION**

Put water exactly where it needs to be with your highest reaching deck mounted monitor.

Easily installs on both new apparatus or as an upgrade of an existing monitor.

Elevating Performance

- The highest reaching deck mounted monitor, exceeding 24" (610 mm)
- Available with either a 2 1/2" (65 mm) outlet for 1,250 GPM or a 3 1/2" (90 mm) outlet and 4" (100 mm) inlet offering an impressive 1,500 GPM (6000 L/min) target flow
- The highest flowing deck mounted monitor in its class at 1,500 GPM (6000 L/min)
- Elevates the monitor nozzle outlet nearly 2 ft. (.61 m) above the deck of the truck

Easy Operation and Install

- Easy installation on 3" or 4" (75 mm or 100 mm) apparatus connections on new or in-service apparatus
- RADIUS elevates by simply pulling the quick release knob and lifting until it's in the locked position
- A standard stowed sensor kit tells the operator if the RADIUS is stowed or deployed

High Volume Tactical Advantage

- The above deck mounting is ideal for apparatus where below deck extension tubes do not fit
- 360° continuous horizontal rotation with a smaller swing radius than competitive models
- Features a vertical range of 90° up to 45° down



Pairs with a wide range of TFT smooth bores or Combination Nozzles

RADIUS Easily moves from Stowed to Deployed



Extend-A-Gun VP™

EXTENDABLE
WATERWAY WITHIN
A WATERWAY

Inlet Valve Interlock

The interlock prevents flowing while extending and retracting the VP. This prevents user injury or damaging the unit when deploying or stowing the system.



Built-in safety with the interlock. TFT also includes a redundant manual override for deploy/stow operations for further security.



Pneumatically Controlled

The deploy and stow positions are air operated and controlled by an up/down switch on the pump panel. Installers can utilize standard lines and fittings just like other pneumatic equipment on the apparatus.

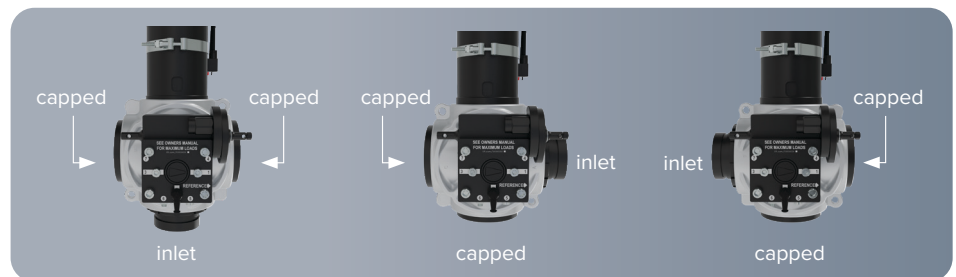


Toggle switch controls on the panel keep the operator safely on the ground when deploying and stowing the monitor.

All in 1 – Monitor, Nozzle, Waterway & Valve

The latest addition to the TFT Extend-A-Gun series, the VP version offers a complete solution from TFT: monitor, nozzle, waterway, and valve! Deploy and stow operations are efficiently controlled by

pneumatics and the inlet valve interlock system aids safe operations. Designed to flow up to 1,500 GPM (6000 L/min), choose from a variety of TFT monitors.



Compatible with a variety of pumps, panels, and plumbing configurations so it's easy to install and service in the field.

Integrated Valve

TFT has integrated a manually controlled valve that eliminates the need for a separate inline valve upstream from the Extend-A-Gun. The valve incorporates TFT's proven half ball design for longevity.

Valve Control Flexibility

The gear box can be oriented one of four ways to allow the crankshaft to face 3, 6, 9, or 12 o'clock. Position selection can easily be changed by removing four screws.



In a single part (SKU) you can mount the gear box in one of four positions to ensure it fits your unique apparatus.



PurePWR power conditioners help to assure quality power is available to operate electric monitors, especially on aerial ladders and platforms.

The lightweight and compact PurePWR eliminates the need for a battery on the aerial. Batteries add additional weight, can potentially be plagued with recharging issues, and require on-going maintenance. PurePWR helps correct undersized wiring, dirty voltage or poor wiring due to corrosion over time.

- Simple installation by connecting in-line with RC Monitors, Electric VUMs, Electric BIVs, and Extend-A-Gun RCs
- Never needs charging and ready to keep appliance systems operating as designed
- Fully sealed including waterproof connection to provide long service life
- Incorporates mounting tabs for secure installation



Your solution for inconsistent electrical power, voltage variances, and insufficient power supply to help ensure your aerial monitor operations are uninterrupted.

Transformer™ EV

ELECTRIC VEHICLE FIRE SUPPRESSION SOLUTION

The EV (Electric Vehicle) kit is designed to make applying water to the underside of an electric vehicle easy for your crew.

The Transformer EV Nozzle System is a kit that helps you deliver water to areas that are inaccessible or difficult to reach. This kit can flow up to 150 GPM (570 LPM) at 100 psi (7 bar) and is easy to configure to your specific needs.

Each kit includes four 19" (.5 m) extension tubes and a distributor (cellar) nozzle with a wide, fully filled pattern that allows water to map across the battery compartment for effective cooling.

Reaching an overall length of more than 7' (2.2 meters) when fully assembled, the added extension tubes allow your crew to put space between themselves and the fire.

More
Questions?



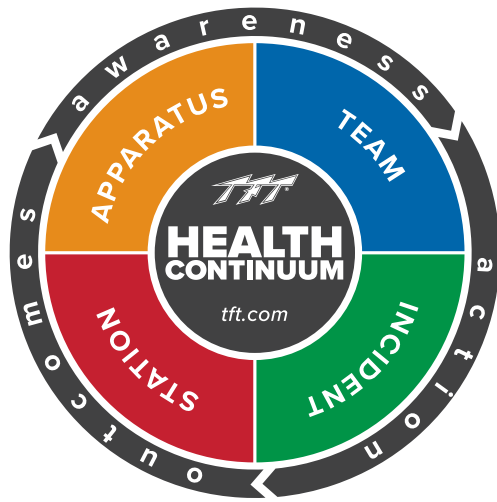
Your Kit Includes:

- 3-port junction block
- Distributor nozzle
- Four 19" (.5 meter) extension tubes
- Twist-grip shutoff valve
- Heavy-duty carrying bag with compartments



Air & Gross Decon

PROTECTION
GREATER THAN
FILTRATION



What is the Health Continuum?

How do you approach conversations about health at your department?

Would a framework make them easier to address?

An Overview

As we joined your conversations about air and gross decontamination, we recognized a lack of a consistent framework for firefighter health discussions. There is plenty of talk about solutions, but no consistent way to organize your solutions to see if you are addressing all aspects of your life as a firefighter. We felt this was a disservice to the fire service and that reliable, consistent language was needed since these health considerations can have a significant impact on your quality of life.

To help you address and organize this information, we created the Health Continuum. This is a simple framework that can help you evaluate and discuss the health risks and concerns at your department.

Why Should You Use the Health Continuum?

The Health Continuum is a great resource for helping you, your department, and others use the same language when discussing firefighter health concerns.

Using this as a framework, you can examine and address concerns holistically and see how they fit into the larger framework of overall health. You can view and think through multiple exposure points for firefighters and find the habits and solutions that will work for you.



The Structure

The Health Continuum is a single graphic that captures four points of exposure and potential health concern for firefighters. Informed by NFPA® (National Fire Protection Association) standards, the graphic includes four broad categories meant to encompass the places a firefighter would experience a health risk on duty: station, apparatus, incident, team.

These four categories are further broken down into common considerations. These categories encompass almost any health risk you and your team would have.

The goal of the graphic is to provide a framework for you to evaluate and discuss any health-related concerns at your department. This makes it easier to address these concerns and build a comprehensive plan to minimize your health risk and exposure.

Exposure protection can help you and your crew in the future. Minimizing your exposure at all four points allows you to take control of your health and safety today and in the future.

As a firefighter, you work an inherently dangerous job. The Health Continuum is a tool that can help you evaluate and consider the solutions you need.

Learn More at TFT.com

MOLD • VOCs • PARTICULATES • AEROSOLS

At the fire scene, in your apparatus, and at your station we're here to optimize your decontamination procedures and increase the level of protection for your crew.

StationProtect cleans the air in your fire station gear rooms, sleeping quarters, and living spaces up to 2400 square feet with an airflow up to 655 CFM. The unit quickly and effectively removes particulates, VOCs (volatile organic compounds), molds, smoke, and aerosols. The no-hassle cartridge contains a pre-filter, 40 pounds of patented molecular media, and a high-end HEPA filter.

- There are four stages in the system. Three of the stages are changed annually, and the inlet/particle filter is changed every three months. The first set of stages is provided as a kit and includes all the stages required for your entire first year.



- 110-220VAC
- Effective in spaces up to 2400 square feet assuming 9ft ceilings.
- 655 CFM
- Mitigates VOCs, particulates, mold, smoke, and aerosols



Air & Gross Decon

PROTECTION
GREATER THAN
FILTRATION

CrewProtect™ Air Decontamination Systems

A plug and play solution for new and in-service trucks that mounts virtually anywhere with ease and connects to standard truck power.

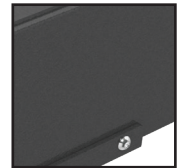


LARGE APPARATUS



Removes three of the greatest airborne cancer-causing contributors: Particulates, VOCs, and Aerosols

- There is one cartridge per system
- Each cartridge lasts 6 months, or 1800 hours of operation



White or Grey Options

SMALL TRUCKS



Visually alerts you when the cartridge needs to be replaced

Used cartridges are safe to be discarded as normal trash

3-year limited warranty

Installs horizontally or vertically in any interior cab location using provided mounting brackets

AMBULANCE



More
Questions?



CrewProtect is a unique, self-contained and comprehensive air decontamination system for enclosed apparatus cabs, ambulance bodies, and personal vehicles that protects first responders and their passengers from particulate soot, Volatile Organic Compounds (VOCs), and aerosols.

CrewProtect can be easily installed into new or existing apparatus. Runs on standard 12VDC or 24VDC truck power.

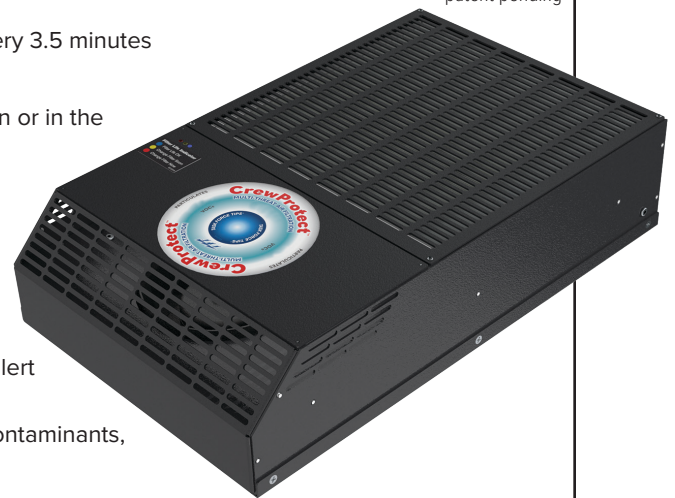
The system draws less than 2.5A in with 12VDC or under 1A with 24VDC and includes mounting brackets.

Most importantly, CrewProtect is safe. Competitive products don't tackle all major threats and may have the unintended consequence of adding more harmful contaminants into the air.

3 year manufacturing defect warranty.

CrewProtect 100

- Decontaminates the air in the average cab or ambulance body every 3.5 minutes
- Compact, Quiet, & Automatic
- Can be installed horizontally or vertically in any interior cab location or in the body of any ambulance.
- Connects directly to 12 volt or 24 volt systems
- Automatically runs when the truck is operating.
- Operates at 100 CFM and only 60 decibels (below the NFPA maximum of 80 decibels)
- Fitted with Easy-to-Change, Long Life Cartridges
- Cartridge Life Indicator (Color LED Light, RFID Technology) visual alert when the cartridge needs to be replaced
- Cartridge is designed to completely neutralize harmful chemical contaminants, making it safe to simply discard in the normal trash
- Sturdy, powder coated metal for durability

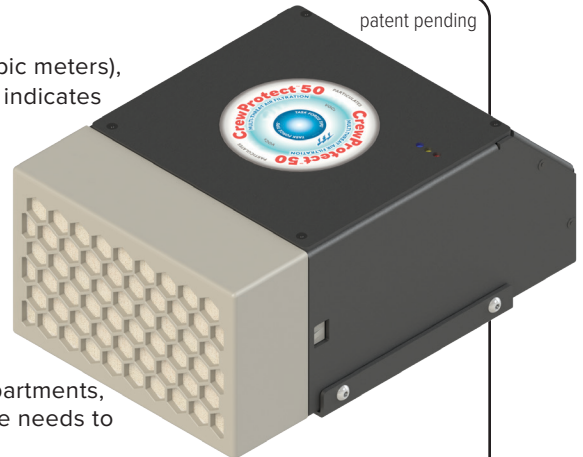


patent pending

CrewProtect 50

The CrewProtect 50 is suitable for vehicles up to 200 cubic feet (5.66 cubic meters), or roughly the size of your average family SUV. An easy-to-read LED light indicates when the cartridge needs to be replaced.

- 24 VDC or 12 VDC; Choice of Grey or White powder coated metal body for durability
- Effective in enclosed cabs up to 200 cubic feet (5.66 cubic meters)
- 50 CFM (1.41 CMM)
- Easy-to-read LED lights indicate when the cartridge needs replaced
- Mitigates VOCs, particulates, mold, smoke, and aerosols
- Suitable for tiller cabs, wildland vehicles, ambulances, SCBA/gear compartments, or tight city cabs. An easy-to-read LED light indicates when the cartridge needs to be replaced



patent pending

Pinpoint Your Opportunities

Air Card



Watch Video



- Place air cards in areas your crew works most often
- Scan the QR code and located your station in our database
- Wait 30 days
- Scan the QR code a second time
- Enter your results
- Take action

Learning Hub

HELPING YOU
MAKE THE BEST
DECISION

Your ability to learn about common problems, product comparisons, fellow firefighter experiences, and what makes working with TFT unique just became even easier.

We continue to develop new content and provide you with the information you need every week to make sure you are fully aware of the problems that are top-of-mind in the fire service, understand the options available to you to solve your most common issues, and ultimately make the best decision for your unique circumstance.

Common Questions

Product Comparisons

Firefighter Stories


Comprehensive Topic Guides

Product & Service

Electric Vehicle Firefighting
What you need to know

Water Flow
The State of Electric Vehicle Firefighting: 2023
Jan 30, 2023

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READY FOR ANY STANDPIPE OPERATION

Water Flow
What is Included in the Task Force Tips High Rise Kit?
Feb 16, 2023

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FIREHOUSE STORIES
Stories from the Best and Bravest

Firehouse Stories
Father Rescues Son with 20+ Year Old Nozzle in Mullins, SC
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What is Your Nozzle K-Factor?
Develop Your Target Discharge Pressures With Confidence

Water Flow
Understanding the K-Factor of Your Nozzle
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Synthetic Fluorine Free Foams (SFFF)
Are you ready for the next big change?

Foam
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Technology Comparison
PuraShield vs. Needlepoint Bipolar Ionization vs. Photohydroionization

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Which Firefighter Air Decontamination Technology is Best?
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