

# NEW INNOVATIONS

## Spring 2018 edition



DECON/pak



BLUETOOTH CONTROLLER



ER BUBBLE CUP NOZZLE

# EF1 RC MONITOR

perfect for wildland and interface apparatus



## MINI SIZE MAX PERFORMANCE

The EF1 remotely controlled monitor is compact and has a large, efficient waterway capable of flowing up to 200 gpm (760lpm). Perfect for wildland and interface apparatus

**NEW**

## ER BUBBLE CUP NOZZLE

Our most compact RC nozzle to go with our most compact monitor!

## OFF-ROAD READY

Built to withstand rugged off-road conditions, the EF1 monitor is hard coat anodized and powder coated. The electric drives and control box are water and dust proof.

## TFT'S NEW BUBBLE CUP NOZZLE FEATURES INCLUDE:

**CHOOSE YOUR FLOW**  
20/60 gpm (75/225 l/min) OR  
20/95 gpm (75/360 l/min)

## FOAM

Add an integrated TFT Bubble Cup to produce aspirated foam

## INTEGRATED SHUT-OFF

Nozzle Shut-Off function eliminates the need for additional valves in the plumbing

## STREAM CONTROL

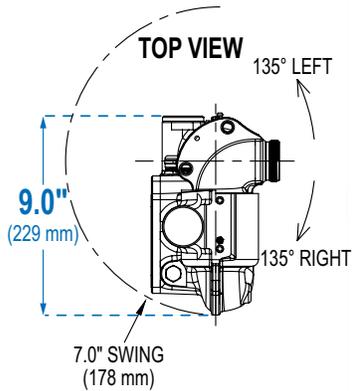
Off, Straight Stream (low and high flow) and Fog (low and high flow)

## E-Z INSTALLATION

One plug connection and with the Tactile Touch Controller there's no need to run wiring through the chassis fire wall

## OUR MOST COMPACT

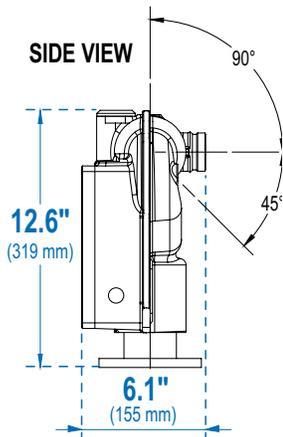
When combined with the EF-1, it's our most compact package available



TFT'S ORIGINAL JOYSTICK

CHOOSE YOUR CONTROL OPTION

TFT'S NEW TACTILE TOUCH CONTROLLER



## PLUG & PLAY

Wiring is reduced to a minimum and installs easily using a one plug connection. With a variety of inlet outlets, the EF1 quickly mounts onto smaller brush trucks or conversions.

effective and economical  
wireless controls

# BLUETOOTH CONTROLS

**NEW**

## TACTILE TOUCH BLUETOOTH CONTROLS

Using advanced Point-to-point Bluetooth communications, TFT now offers additional wireless controllers for its line of RC monitors. Shipping in summer of 2018, the Tactile Touch Controller is a highly configurable and economical wireless controller option.



A highly configurable and economical wireless control option

5" screen with a joystick style button for easy one- hand control

User interface can be customized with fire department logos and truck numbers

Software includes advanced text diagnostics, troubleshooting, and support information



RC Monitor and Ball Intake Valves



RC Extend-A-Gun

coming  
summer  
of 2018

## THE CONTROLLER MAKES INSTALLATION A BREEZE ON RC PRODUCTS



No need for wires running through fire wall from monitor to cab

### OR CHOOSE ONE OF OUR OTHER CONTROLLER OPTIONS



TETHERED  
CONTROLLERS



RF WIRELESS  
CONTROLLERS



JOYSTICK  
CONTROLLER

# TSUNAMI MONITOR

better stream . . .



- ★ RC and Manual Versions
- ★ 2700 to 8000 gpm

**ONLY 15 PSI  
(1.0 BAR) FRICTION  
LOSS AT 8000 gpm  
(30000 l/min)**

**Hardcoat  
Anodized and  
Powder Coat  
Finished for  
Corrosion  
Protection**

The Tsunami is TFT's largest and highest volume industrial monitor for fixed, trailer or apparatus use. The monitor offers 2,700 to 8,000 gpm (10000 to 30000 l/min) flows in manual or RC versions.



The elevation range is from 90° above horizontal to 10° below with field changeable horizontal rotation stops so users can customize the operating envelope. Dual hand wheels allow horizontal rotation and elevation drive.



**ELEVATION RANGE  
IS 90° ABOVE  
TO 10° BELOW  
HORIZONTAL**

**FIXED**  
**TRAILER**  
**APPARATUS**

**FIXED, TRAILER,  
OR APPARATUS  
MOUNT**

. . . better reach

# NEW 6" VORTEX NOZZLE



SIX  
ELECTRONICALLY  
CONTROLLED FINS  
FOR FULL USER  
CONTROL

**NEW**

A LONGER  
REACHING  
DISPERSED  
PATTERN WITH  
NO LOSS OF  
WATERFLOW  
VOLUME

ADD A  
DISPERSED  
PATTERN TO  
STACKED  
TIPS

The new 6" remote control Vortex nozzle when used with stacked tips provides for a straight stream or a fully filled, long reaching dispersed pattern with no loss of water flow volume.



3-D Illustration for additional detail

**VORTEX** 

The package is ideal for industrial water and foam applications because of its low friction loss and even in the dispersed pattern the stream is longer than that of the traditional fog nozzles.



TFT PART #SVXE

# ER SELF EDUCATING NOZZLES

ZMF ER nozzle family



**Task Force Tips'**  
**ZMF MASTER FOAM  
NOZZLE** is a simple and  
rugged self-educating  
foam nozzle with superior  
stream quality and reach  
that is now available  
in **BOTH** Manual and  
ER models

These fixed gallonage fog nozzles include a fog angle that is user adjustable between 90° wide fog and straight stream, as well as a basic design that requires minimal maintenance.

**IP65 RATED  
ELECTRONICS  
HOUSING**

## ZMF ER NOZZLES

- 1% or 3% foam concentrate with no small passages to clog
- Nozzle comes with a 10 feet long, 2" diameter (3m x 50mm) concentrate hose with two cam lock fittings
- Hardcoat anodized aluminum ANSI A6061-T6 construction provides maximum resistance to corrosion and wear



Available in:

1000 gpm (3800 l/min)

1250 gpm (4800 l/min)

1500 gpm, (6000 l/min)

2000 gpm (8000 l/min)

*versions at 100 psi (7 bar)*

**Simple, Rugged, Superior Stream and Reach**



Using soap, water, and a brush, you can reduce cancer causing contamination on turn-out gear by **85%\***

# HELP MITIGATE FIREFIGHTER CANCER RISK



The DECON/pak is a self-contained agent proportioning and rinse application system helping to provide simple and gross decontamination of firefighting personnel and equipment

### Flow Control



Flow is controlled by a twist grip valve. Cleaning agents are added through the large, easy-open fill port that includes a debris screen.

### Proportion Selection



Large selector for agent proportioning from 0.1 to .5% for cleaning agent or set to rinse with water only.

### Easily Stored



The DECON/pak stores easily in tight compartment spaces.

\*Source: Journal of Occupational and Environmental Hygiene DOI: 10.1080/15459624.2017.1334904

# 1" G-FORCE NOZZLE

easy to customize nozzle family



## THE 1" G-FORCE

priced at \$525, is perfect for wildland firefighting operations, wash down, hose reels and 1" hose lines.

The G-Force line of high quality, economical family of firefighting nozzles are based upon a customizable platform design of fixed, selectable, and automatic nozzles.

G-Force combines 50 years of Task Force Tips' design innovation and experience into true next generation firefighting tools and are manufactured exclusively at TFT's USA production facilities.



TFT's Impulse trigger valve system is also available on all models for easy operation with one hand if needed for wash down or wildland operations.

75 or 100 gpm at 75 or 100 psi  
 15-30-45-60-75 gpm at 75 or 100 psi  
 20-80 gpm at 75 or 100 psi

## 1.0" (25 mm) Fixed, Selectable and Automatic G-Force Models

Series	Inlet	Style	Pressure Control	Shaper Control	Fog Teeth
GD	D 1.0" (25 mm) NH Female	1 Tip-Only (No Shutoff Valve)	A Fixed 75 gpm @ 100 psi (285 l/min @ 7 bar)	1 Fixed Tactile Indicator	F Fixed Molded Rubber
	F 1.5" (38 mm) NH Female	2 One Piece Nozzle with Slide Valve (No Pistol Grip)	B Fixed 75 gpm @ 75 psi (285 l/min @ 5 bar)	2 Tactile Indicator with Pattern Detent	S Spinning Metal
	Consult factory for other coupling options.	3 One Piece Nozzle with Slide Valve and Pistol Grip	C Fixed 100 gpm @ 100 psi (360 l/min @ 7 bar)		M Fixed Cut Metal
		5 Two Piece Nozzle with Tip-Only and Ball Valve Shutoff (No Pistol Grip)	F Selectable 15/30/45/60/75 gpm @ 100 psi (60/110/170/230/285 l/min @ 7 bar)		
		6 Two Piece Nozzle with Tip-Only and Ball Valve Shutoff with Pistol Grip	G Selectable 15/30/45/60/75 gpm @ 75 psi (60/110/170/230/285 l/min @ 5 bar)		
		7 Impulse Nozzle with Trigger Flow Control	N Automatic 20-80 gpm @ 100 psi (75-300 l/min @ 7 bar)		
		P Automatic 20-80 gpm @ 75 psi (75-300 l/min @ 5 bar)			

1250 gpm remotely controlled

# CROSSFIRE RC



# CROSSFIRE RC®

Previous models of the TFT RC Crossfire have been a popular option for unmanned portable firefighting in China. Now TFT has designed a new RC prototype using DEWALT FLEXVOLT™ batteries.

## FEATURES

- Stable, permanently attached base
- Integrated safety valve that closes the water supply by 90 % should the monitor move
- Wireless remote control that can be used from as much as 500' away and doesn't need to be in the line of sight



Alternative power plug for longer run times

# FLOW TEST DEVICE

TFT water flow education stand



**TFT'S  
FLOW TEST  
DEVICE**

The system is flexible and programmable so let TFT know what you'd like to measure!

## USE THE FTD TO UNDERSTAND:

- Nozzle pressure changes with flow on smoothbore, fixed, selectable, and automatic nozzles
- Reaction forces as a function of flows and pressures
- Study friction loss in hose as a function of flows and pressures and how hose kinks affect the loss
- Pressure changes because of elevation and discover the difference between recoverable and non-recoverable head loss

The FTD is comprised of a programmable logic controller (PLC) with a digital display screen and takes in feedback from

**FLOW TEST DEVICE**

pressure transducers, flow meters and force measuring strain gages. All of these various inputs are then displayed on a screen while simultaneously being captured to a data file.



**MEASURE AND COMPARE:** Nozzle Pressure, Reaction Force, Friction Loss, Stream Straighteners and Head Loss

# First On Scene With Innovation

Metro 1 Break Apart  
185 gpm @ 50 psi

Nozzle Features	 Since 1983	The Other Guys
Stainless Steel Valve	 Since 1983	
Stainless Steel Spinning Fog Teeth	 Since 1994	
Serial Numbers Across ALL Products	 Since 1987	
Custom Laser Engraving	 Since 1995	
Protective Bumper Molded In Place, Not Just Pressed On	 Since 1983	
Quick Turn Stream Shaper, Straight Stream to Fog	 Since 1983	
ALL NFPA Colors for Grips and Handles	 Since 1999	
24/7 Tech Support	 Since 1971	
Custom Labels	 Since 2005	
Easily Changeable gpm/psi Baffle Discs	 Since 2003	
24 Hour Repair Turnaround	 Since 1971	



7/8" Smooth Bore with Stainless Steel Valve



1.5" Fixed gpm with Stainless Steel Valve and Spinning Teeth



2.5" Fixed gpm with 10 Flow Choices

# Innovative Ideas From TFT

Where New Ideas Flow

## Water is all we do.

If water flow matters to you, choose TFT. For 50 years we've focused on making sure firefighters have the best stream and reach, lowest friction loss, safest features, and the most rugged tool construction in the fire service. Every day new ideas flow at TFT for one reason, to help firefighters save lives and protect property more safely and effectively than the day before.

New Ideas Live at [tft.com/newideas](http://tft.com/newideas)



### BLITZFIRE

A 500 gpm portable monitor with an integrated exclusive safety shutoff system that helps prevent unintentional movement during critical fireground operations. Options include oscillation and high elevation models.



### HEMISPHERE

A versatile, lightweight, and quick to deploy portable monitor that gives the firefighter the ability to quickly establish water flow where ground monitors would not reach. The rotating, swiveling waterway, allows the stream to be pointed in virtually any direction.



### PRO/pak

An easy to use portable foam injection system for use with either Class A, B foams (Including ARC alcohol resistant foams).