



THE FIRE EXPERTS



INTRODUCING THE **WORLD'S 1ST UL-LISTED**  
**10500 US GPM FOAM MONITOR**  
**FOR LARGE HYDRO CARBON STORAGE TANK FIRE**



**High Volume Long Range  
Foam Monitor 10500 US GPM**



## IDEAL FOR LARGE & UNCONTROLLABLE FIRES

The world has changed dramatically since VIMAL entered the fire protection industry more than 38 years ago. VIMAL's products have evolved alongside today's technologies to protect the plant and properties worth Billions of Dollars.

To be precise, with our continuous contribution to develop the World's Best Fire Fighting Equipment and Systems, we are thrilled to announce our World's First 10500 US GPM UL Listed Corrosion Resistant High Performance High Volume Long Range Fire Foam Monitor to suppress / extinguish large fires of high magnitude with our high flow specially designed monitors capable to travel long distance for optimal coverage especially for Oil Explorations (Rigs, Platforms), Oil Refining (Refineries, Process Plants), Oil Distributions (Terminals, Installations, Depots), Chemical and Petrochemical Plants, Power Plants, Marine Ports, Defence Installations etc.

VIMAL is always known for its new innovation and technological upgradation which we provide to our customer and our objective is not only to sell the product but also to gain the confidence level of our customers. FIRE ENGINEERING is one of the toughest and demanding field as we deal with FIRE, it is dangerous profession which requires a strong sense of commitment to our customer for which VIMAL has always been recognized for its exceptional outcomes and services. Here, the objective is to CONTROL & KILL any fire of high magnitude with safer operations & fastest mode. One needs enormous flow duly supported with elongated throw/distance.

Looking to the Growing Industry demand, we have come up with our own Specially Designed, Manufactured, Tried and Tested 10500 US GPM High Volume Long Range (HVLR) Fire FOAM MONITOR with UL Listing.

The HIGH PERFORMANCE multi-purpose (JET/FOG/SPRAY) HVLR FOAM MONITOR is designed to withstand continuous operation in dusty, outdoor and harsh environments. Our 10500 US GPM Foam Monitor have gone through vigorous testing, design, advanced Nozzle Technology, Research & Developments. Smartly engineered nozzle ensures maximum hydraulic efficiency achieving huge flow of 10500 US GPM (Approx. 40000 LPM) to kill and counter any magnitude of fire / disaster and also safeguards the operator from the radiant heat.



### Features of UL Listed **10500 US GPM Foam Monitor:**

Nozzle with Jet, Fog & Semi Fog Operation. The Fog conversion is up to 120 deg wide for handling toxic, hazardous gas cloud dispersion or dilution and more effective water cooling on heated or burning surfaces.

Monitor gives enormous horizontal throw of 120+ meters with water and 110+ meters with Foam.

Monitor Available in Manual, Remote (Wired) and Wireless Control Operations.

Microprocessor based, flameproof wireless remote controller, with operating range of 75 - 150 meters.

Foam inlet for monitor -

- By 1% Induction
- By 3% Induction

Required JRCP and Manifold shall be Supplied with each monitor.

### **Application Areas:**

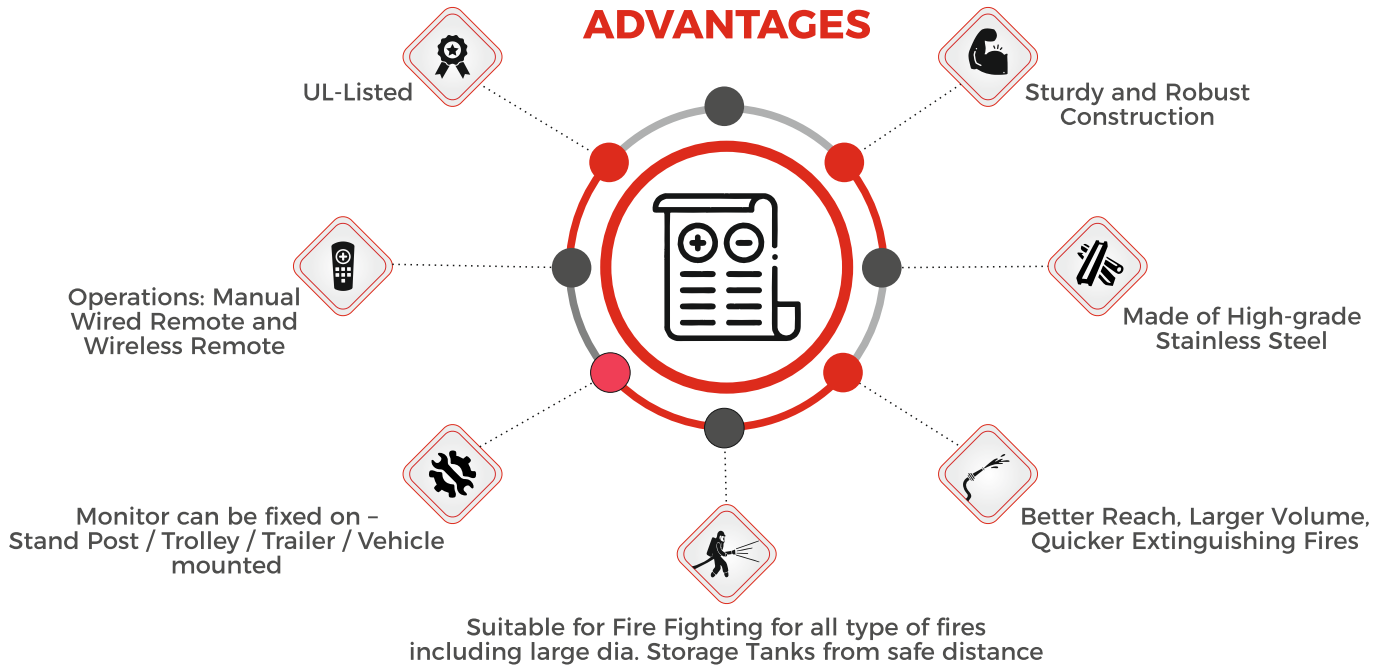
Oil Installations, Oil Refineries, Oil & Gas Pipelines, Oil Rigs, Petroleum Pumping Station, Petrochemical complexes, Power Plants, Fertilizer & Chemical Industries, Ports, Shipping etc.

**Big Flow. Big Throw. To Kill Real Big Fires**





## ADVANTAGES



### Remote Operated Monitor

The electrically operated remote monitor comprises of Geared motor assembly for horizontal, vertical, nozzle movements and flow control from nozzle & proximity sensors to indicate the end position of each of the movements along with Limit switches for flow control as well as taking feedback signals of Flow on Control panel. A Flame / Weather proof desk type control panel is installed near Foam Monitor/Control Room to control the monitor movement and water flow.

Control Junction Box comprises of Push Buttons & indicating lamps on top cover for operation of Monitor movements & obtaining feedback signals of the respective movements. Overload relay to suit motor rating along with other components like PLC, barriers & relay card are installed for controlling the Monitor movements and flow control as well as obtaining the respective feedback signal.

### Features of Remote Operated Monitor:



Push button / Joy Stick based device



Operate from Safe Distance



Pan Movement of 340° possible



Tilt movement of 135° (-45° to 90°) Possible



Option of storing operation data using storage card



**10500 US GPM Vertical Hydraulic Efficiency**



**Trailer Mounted 10500 US GPM Foam Monitor with 12" hose**



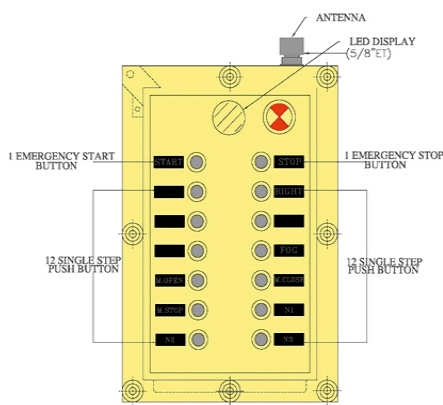
## Wireless handheld for Remote Management

Remote Operated Foam Monitors are typically used for fire fighting from a distance, in the case of fire, the intensity of heat is too high, resulting difficulty in standing and fighting fire even from Remote Control Panel.

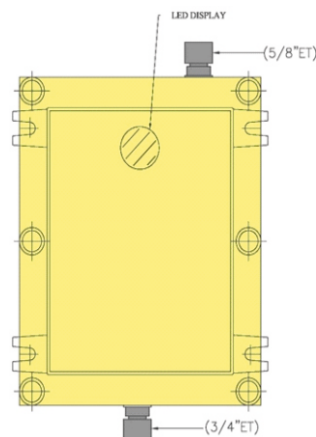
To overcome this High Heat Radiation and also operate Foam Monitor from a safe distance of about 75 - 150 metres further from Remote Panel Wireless Remote Controller is the best option. A Wireless Controller can be programmed & used with any make of remote operated Foam Monitor.

### Features of Wireless handheld:

- Working Principal: Radio Frequency
- Radio Frequency: 433MHz
- Encoding: Microprocessor Based
- Decoding: Microprocessor Based
- Range: 75 - 150Mtrs (Approx) Clear site
- Data storage option: Available
- One to One command
- FLP & Non-FLP options are available
- Digital Display
- Light weight & clip on type set available
- 12 Single Step Push button, 1 Emergency Start & 1 Emergency Stop Push Button
- Power Supply: 6VDC
- Operations: Left, Right, Up, Down, Jet, Fog, MOV Open, MOV Close, MOV Stop & spares
- Antenna: External



**FLP TRANSMITTER**



**FLP RECEIVER**



**NON - FLP TRANSMITTER**

## VIMAL FIRE CONTROLS PRIVATE LIMITED

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