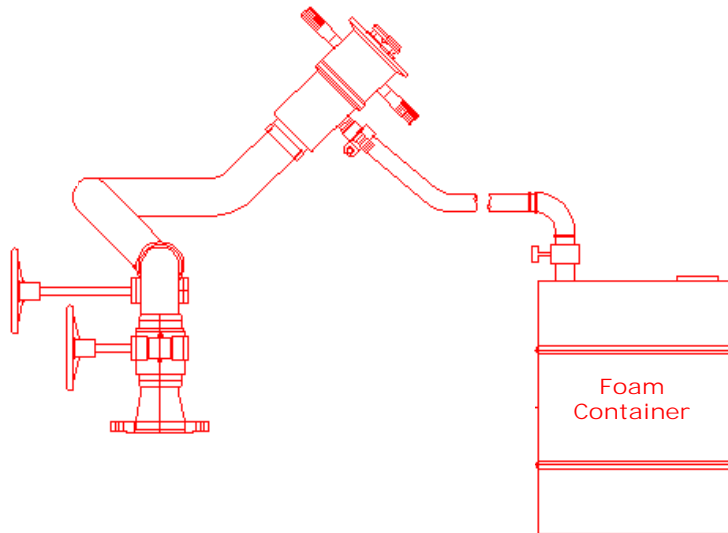


UL LISTED FIRE FOAM MONITOR

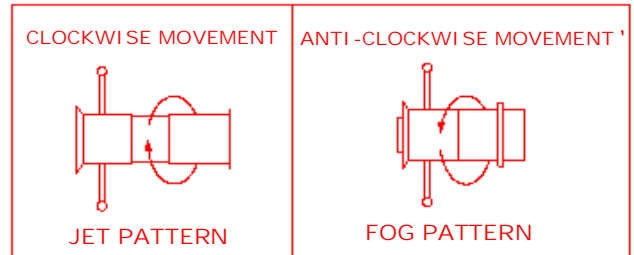
MODEL GGT SGR 750

1. GENERAL DESCRIPTION

The manually operated Self-inducting non-aspirating Foam Monitor fully made of Stainless, capable of discharging 750 US GPM (2839 LPM) at 100 psi inlet pressure over a range of 55 meter in horizontal direction. Foam proportioning 3 % is done with help of Foam Inductor placed within the Nozzle. The Foam Monitor has facility for converting Water/Foam jet to fog and vice-versa very quickly and easily, even during continuous operation. Foam Monitor is provided with self-locking swivel gear bearing for smooth rotation in horizontal and vertical direction through hand wheel operation even under high operating pressures. For Longer and reliable operation Gear & Worm mechanism is completely sealed type and free from any environmental impact or atmosphere. A single fire fighter can manually operate the Foam Monitor with large flow & long-range capability. The monitor assembly is designed to withstand the nozzle reaction force experienced during the operation of jet/ fog.



Jet & Fog Adjustment



2. SALIENT FEATURES.

- ✚ Certified and Approved by **(UL) Underwriters Laboratory USA**
- ✚ Discharge Capacity of 750 US GPM (2839 LPM) at 100 Psi (7 bar) inlet pressure
- ✚ Excellent Horizontal throw of 55 meters and above
- ✚ Excellent Full Fog & Semi Fog Coverage
- ✚ Low Expansion, Hence less loss of foam & more cooling effect on hot surface
- ✚ Quick change over from jet to fog even during high operating pressure.
- ✚ Easy maneuverability in horizontal and vertical plane
- ✚ Fully Stainless Steel Construction.
- ✚ Almost maintenance free.
- ✚ Available In Fixed and Mobile Version
- ✚ Various Metallurgy Option

3. APPLICATION

The Monitor is highly effective with water and foam for fast knockdown of Fires at Oil & Gas Plants, Off-Shore & On Shore Platforms, Oil Refineries, Petroleum Storage Tanks & Depots, Chemical & Fertilizer Plants, Steel Plants, Power Plants, Ammunition Depots, Defense Stores, Naval Ships, Ships & Oil tankers Ports & Jetties Etc.

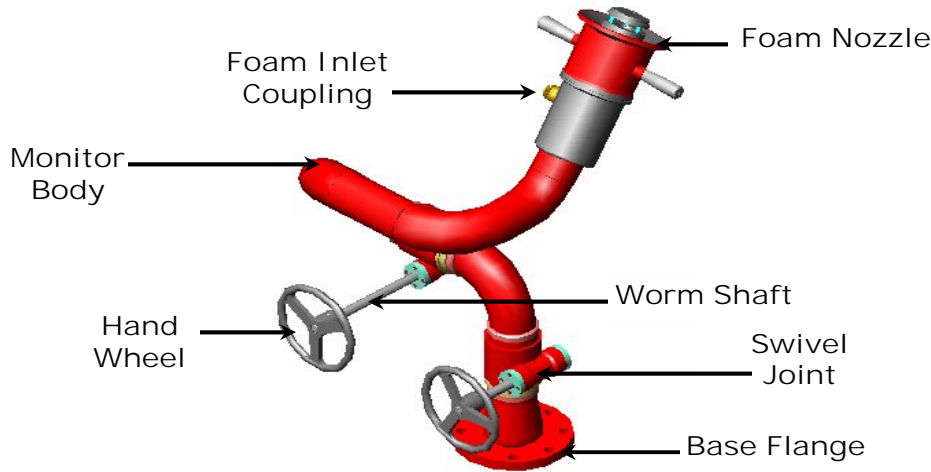
UL LISTED FIRE FOAM MONITOR

MODEL GGT SGR 750

4. TECHNICAL SPECIFICATION

⚡ Flow at 100 psi (7 bar) pressure	:	750 US GPM (2839 LPM)
⚡ Nozzle	:	Non-aspirating type
⚡ Induction Type	:	SELF Type
⚡ Induction Rate	:	3 % (As Per UL Guidelines)
⚡ Foam Pick Up Tube	:	PVC 3 meter with fittings
⚡ Monitor Elevation	:	+90 ⁰ & - 30 ⁰ Vertical
⚡ Rotation	:	360 ⁰ Horizontal.
⚡ Water way size	:	75 NB
⚡ Inlet Flange Size	:	4" NB 150# S.O.R.F Flange
⚡ Hydrostatic Test Pressure (Monitor)	:	21 bar.
⚡ Finish/ Paint	:	Fire red shade of Epoxy / Powder Coating.

5. MATERIAL OF CONSTRUCTION FOR MONITOR AND NOZZLE



Base Flange	:	SS 304
Monitor Body	:	SS 304
Swivel Joint	:	SS 304 / Gun Metal / Bronze
Worm Shaft	:	SS 304
Hand Wheel	:	SS 304
Foam Nozzle	:	SS 304 / Gun Metal / Aluminum / Bronze

MONITOR ALSO AVAILABLE IN METALLURGY OF SS 316 FOR SPECIAL APPLICATION.

6. PERFORMANCE OF MONITOR AT 100 PSI (IN STILL AIR CONDITION)

a) Water jet at 30° from Horizontal plane	:	55 mtrs.
b) Foam jet at 30° from Horizontal plane	:	50 mtrs.
c) Fog jet at 30° from Horizontal plane	:	15 mtrs.

7. APPROVAL: UL LISTED WITH FOLLOWING FEATURES

a) Nozzle	:	Non Air Aspirating Nozzle
b) Monitor Solution Flow	:	750 US GPM
c) Operating Pressure	:	100 PSI
d) Induction	:	By Nozzle having Self Induction